

Atlantic Richfield Company

North American Producing Division
Permian District
Post Office Box 1610
Midland, Texas 79701
Telephone 915 682 8631

Amendment
NSL-743



April 8, 1976

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501



Attn: Mr. J. D. Ramey

Re: Request for Non-Standard Drilling Location
Within the Project Area of the
ARCO-Empire Abo Unit
Pressure Maintenance Project
Eddy County, New Mexico

Blue May 2

Gentlemen:

Atlantic Richfield Company, as operator of the Empire Abo Unit Pressure Maintenance Project, acting on behalf of itself and the other participating working interest owners, requests administrative approval under the provisions of Order No. R-4549-B, Rule 14, under "Special Rules and Regulations for the Empire Abo Pressure Maintenance Project," to relocate Well No. G-321, which was previously approved under Administrative Order No. NSL-743, dated December 31, 1975. Atlantic Richfield Company, at this time, requests permission to move its location 20 feet west to that shown herein.

The proposed drilling of the subject well at the non-standard location meets all requirements of Order R-4549-B, Rule 14, said well being located "no closer than 660 feet to the Unit boundary of said Unit, nor closer than 10 feet to any quarter-quarter section or subdivision inner boundary.

The proposed drilling of the well will be necessary to complete a more efficient producing pattern to conserve reservoir energy, promote the greatest ultimate recovery of Unit reserves, prevent waste, and protect correlative rights.

Very truly yours,

J. L. Tweed
J. L. Tweed

by [Signature]

REH/agp

DECLASSIFIED
APR 12 1976
OIL CONSERVATION COMM.
Santa Fe

ATLANTIC RICHFIELD COMPANY
EMPIRE ABO UNIT
Proposed Non-Standard Locations
Eddy County, New Mexico

<u>Well Name and Number</u>	<u>Location</u>
Empire Abo Unit "E" 382	1175' FNL & 1316' FWL, Section 35, T-17S, R-28E
Empire Abo Unit "E" 391	135' FNL & 2567' FEL, Section 35, T-17S, R-28E
Empire Abo Unit "E" 401	90' FNL & 1296' FEL, Section 35, T-17S, R-28E
Empire Abo Unit "F" 371	2220' FNL & 25' FWL, Section 35, T-17S, R-28E
Empire Abo Unit "G" 312	1550' FSL & 2511' FEL, Section 33, T-17S, R-28E
Empire Abo Unit "G" 321	1520' FSL & 250' FEL, Section 33, T-17S, R-28E
Empire Abo Unit "G" 331	1580' FSL & 1140' FWL, Section 34, T-17S, R-28E
Empire Abo Unit "G" 341	1850' FSL & 2591' FWL, Section 34, T-17S, R-28E
Empire Abo Unit "I" 271	670' FNL & 1700' FEL, Section 5, T-18S, R-28E
Empire Abo Unit "J" 202	2490' FNL & 1299' FEL, Section 1, T-18S, R-28E
Empire Abo Unit "J" 221	2610' FNL & 2713' FWL, Section 6, T-18S, R-28E
Empire Abo Unit "J" 232	2253' FNL & 1576' FEL, Section 6, T-18S, R-28E
Empire Abo Unit "K" 182	1533' FSL & 2370' FWL, Section 1, T-18S, R-27E
Empire Abo Unit "L" 111	20' FSL & 2485' FEL, Section 3, T-18S, R-27E
Empire Abo Unit "L" 131	100' FSL & 100' FWL, Section 2, T-18S, R-27E
Empire Abo Unit "L" 132	275' FSL & 1243' FWL, Section 2, T-18S, R-27E
Empire Abo Unit "L" 152	320' FSL & 2602' FEL, Section 2, T-18S, R-27E

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

RECEIVED
APR 12 1976
Form G-102
Supersedes C-128
Effective 1-1-65
Well No. COMM. 321
Santa Fe

All distances must be from the outer boundaries of the Section.

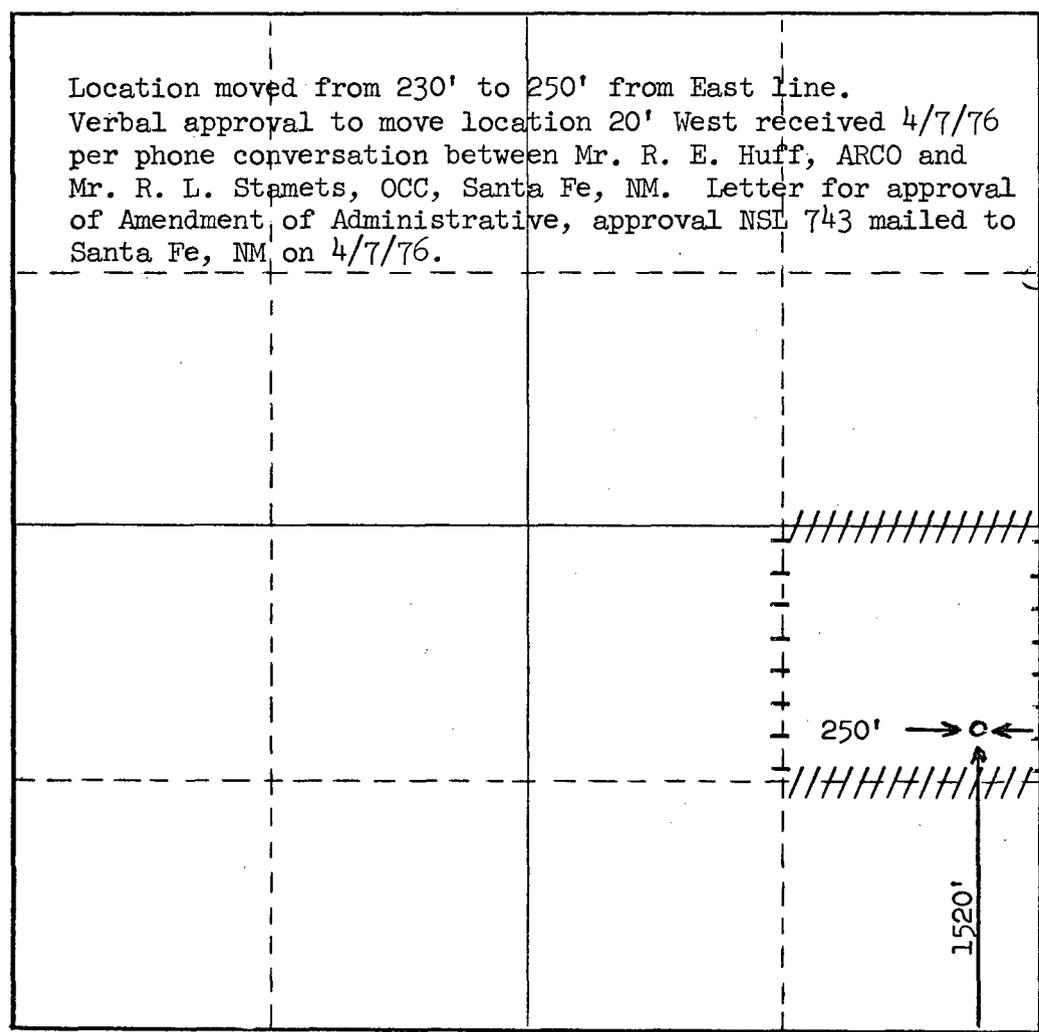
Operator Atlantic Richfield Company		Lease Empire Abo Unit "G"			Well No. COMM. 321
Unit Letter I	Section 33	Township 17South	Range 28 East	County Eddy	
Actual Footage Location of Well: 1520 feet from the South line and 250 feet from the East line					
Ground Level Elev. 3663.8'	Producing Formation Abo Reef		Pool Empire Abo	Dedicated Acreage: 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes No If answer is "yes," type of consolidation Unitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



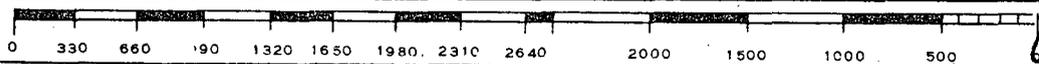
CERTIFICATION

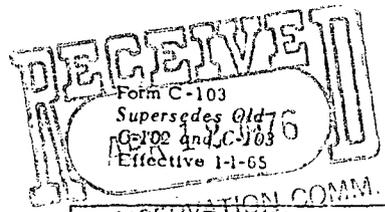
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name: *[Signature]*
Position: **Dist. Drilling Supervisor**
Company: **Atlantic Richfield Company**
Date: **4/7/76**

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed: _____
Registered Professional Engineer and/or Land Surveyor
[Signature]
Certificate No. **676**





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LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

State: NM Fee

5. State Oil & Gas Lease No. **647**

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL GAS WELL OTHER: **Change in Well Location**

2. Name of Operator: **Atlantic Richfield Company**

3. Address of Operator: **P. O. Box 1710, Hobbs, NM 88240**

4. Location of Well: UNIT LETTER **I**, **1520'** FEET FROM THE **South** LINE AND **250** FEET FROM THE **East** LINE, SECTION **33** TOWNSHIP **17S** RANGE **28E** N.M.P.M.

7. Unit Agreement Name: **Empire Abo Unit "G"**

8. Farm or Lease Name: **Empire Abo Unit "G"**

9. Well No.: **321**

10. Field and Pool, or Wildcat: **Empire Abo**

15. Elevation (Show whether DF, RT, GR, etc.): **3663.8' GR**

12. County: **Eddy**

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER Change in Well Location <input checked="" type="checkbox"/>

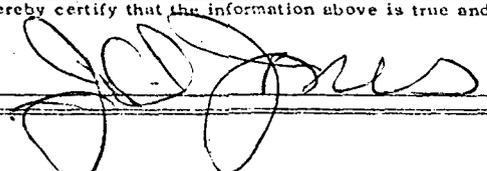
17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Request to change well location as previously approved on Application For Permit to Drill, Deepen, or Plug Back Form C-101, dated 3/30/76.

New Well Location is 1520' FSL & 250' FEL, Section 33, T17S, R28E, Eddy County, New Mexico.

Proposed non-standard well location to meet all requirements of Order No. 4549-B, Rule 14, NSL 743 and Amendment to NSL 743.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED:  TITLE: **District Drilling Supervisor** DATE: **4/7/76**

APPROVED BY: _____ TITLE: _____ DATE: _____

CONDITIONS OF APPROVAL, IF ANY: _____

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

RECEIVED
APR 12 1976
CONSERVATION COMM. Santa Fe

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

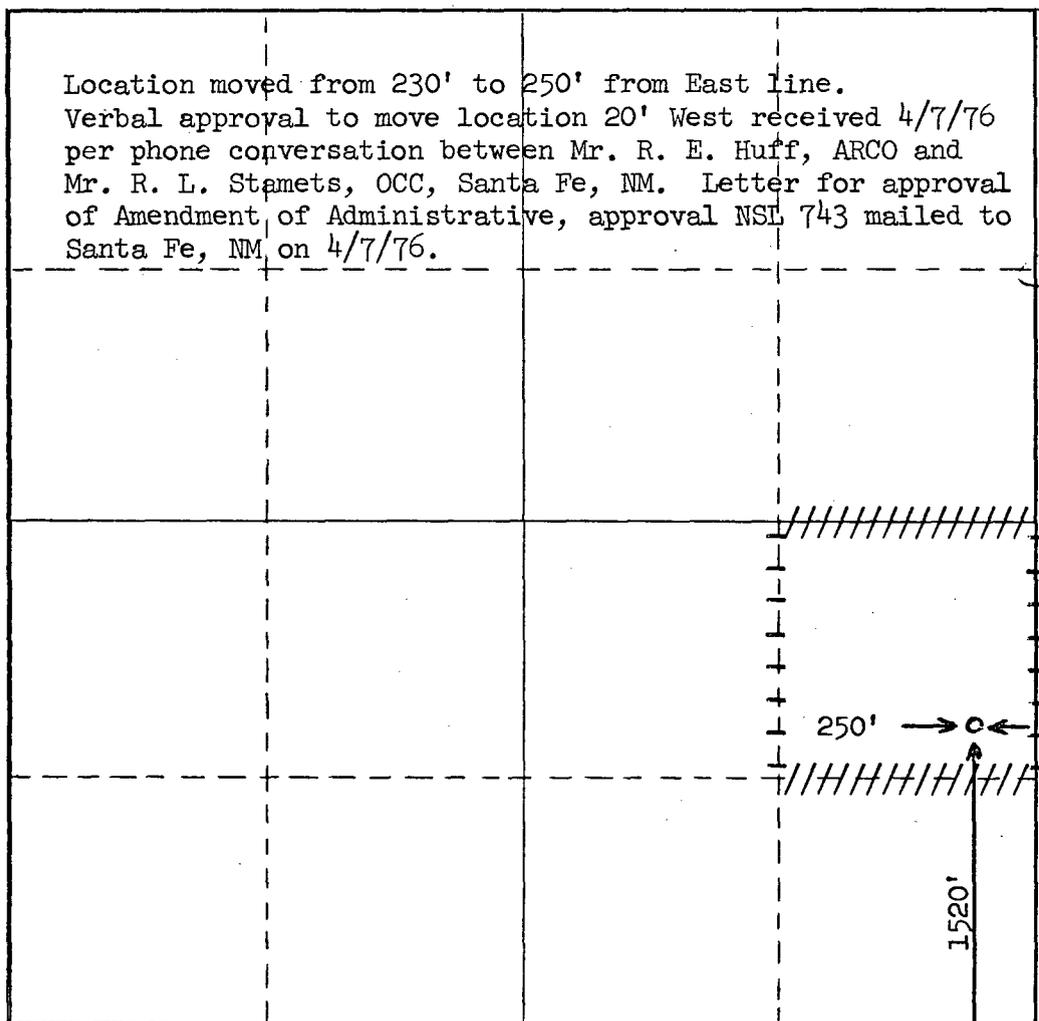
Operator Atlantic Richfield Company			Lease Empire Abo Unit "G"			Well No. 321		
Unit Letter I	Section 33	Township 17South	Range 28 East	County Eddy		Santa Fe		
Actual Footage Location of Well: 1520 feet from the South line and 250 feet from the East line								
Ground Level Elev. 3663.8'	Producing Formation Abo Reef			Pool Empire Abo		Dedicated Acreage: 40 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes No If answer is "yes," type of consolidation Unitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

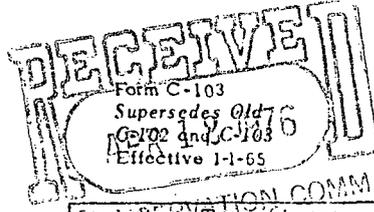
Name: *[Signature]*
Position: **Dist. Drilling Supervisor**
Company: **Atlantic Richfield Company**
Date: **4/7/76**

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed: _____
Registered Professional Engineer and/or Land Surveyor

[Signature]
Certificate No. **676**





NEW MEXICO OIL CONSERVATION COMMISSION

NO. OF COPIES RECEIVED	
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U.S.G.S.	
LAND OFFICE	
OPERATOR	

5. Indicate Type of Lease
 State: FG Fee
 5. State Oil & Gas Lease No.
 647

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL GAS WELL OTHER: **Change in Well Location**

2. Name of Operator
Atlantic Richfield Company

3. Address of Operator
P. O. Box 1710, Hobbs, NM 88240

4. Location of Well
 UNIT LETTER **I** **1520'** FEET FROM THE **South** LINE AND **250** FEET FROM
 THE **East** LINE, SECTION **33** TOWNSHIP **17S** RANGE **28E** NMPM.

7. Unit Agreement Name
 8. Farm or Lease Name
Empire Abo Unit "G"

9. Well No.
321

10. Field and Pool, or Wildcat
Empire Abo

15. Elevation (Show whether DF, RT, GR, etc.)
3663.8' GR

12. County
Eddy

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER Change in Well Location <input checked="" type="checkbox"/>

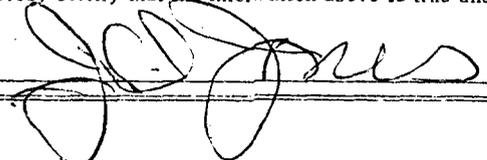
17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Request to change well location as previously approved on Application For Permit to Drill, Deepen, or Plug Back Form C-101, dated 3/30/76.

New Well Location is 1520' FSL & 250' FEL, Section 33, T17S, R28E, Eddy County, New Mexico.

Proposed non-standard well location to meet all requirements of Order No. 4549-B, Rule 14, NSL 743 and Amendment to NSL 743.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED  TITLE **District Drilling Supervisor** DATE **4/7/76**

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Atlantic Richfield Company

North American Producing Division
Permian District
Post Office Box 1610
Midland, Texas 79701
Telephone 915 682 8631



April 8, 1976

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Attn: Mr. J. D. Ramey

Re: Notification of Offset Operators to
Proposed Non-Standard Drilling Locations
Within the Project Area of the
ARCO-Empire Abo Unit Pressure Maintenance Project
Eddy County, New Mexico

Gentlemen:

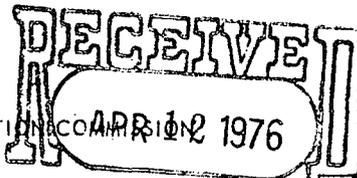
Atlantic Richfield Company, as operator of the Empire Abo Unit Pressure Maintenance Project, in accordance with Order No. R-4549-B, Rule 14(3), under "Special Rules and Regulations for the Empire Abo Pressure Maintenance Project," has notified all offset operators of the revised non-standard location of the Well No. G-321, 20' to the west. The new location is as follows: 1520' FSL and 250' FEL, Section 33, Township 17 South, Range 28 East, Eddy County, New Mexico.

Attached is a list of the offset operators to the revised non-standard location and the date they were notified.

Very truly yours,

J. L. Tweed

REH/agp



Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION

OIL CONSERVATION COMM.
Santa Fe

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FILE		
U.S.G.S.		
LAND OFFICE		
OPERATOR		

58. Indicate Type of Lease
 State Fee
 5. State Oil & Gas Lease No.
 647

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL GAS WELL OTHER- Change in Well Location

2. Name of Operator
Atlantic Richfield Company

3. Address of Operator
P. O. Box 1710, Hobbs, NM 88240

4. Location of Well
 UNIT LETTER I 1520' FEET FROM THE South LINE AND 250 FEET FROM
 THE East LINE, SECTION 33 TOWNSHIP 17S RANGE 28E NMPM.

7. Unit Agreement Name
 8. Farm or Lease Name
Empire Abo Unit "G"

9. Well No.
321

10. Field and Pool, or Wildcat
Empire Abo

15. Elevation (Show whether DF, RT, GR, etc.)
3663.8' GR

12. County
Eddy

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	OTHER <u>Change in Well Location</u> <input checked="" type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Request to change well location as previously approved on Application For Permit to Drill, Deepen, or Plug Back Form C-101, dated 3/30/76.

New Well Location is 1520' FSL & 250' FEL, Section 33, T17S, R28E, Eddy County, New Mexico.

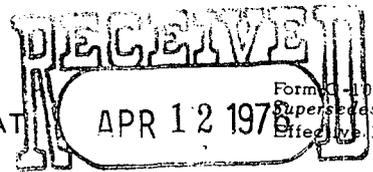
Proposed non-standard well location to meet all requirements of Order No. 4549-B, Rule 14, NSL 743 and Amendment to NSL 743.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED [Signature] TITLE District Drilling Supervisor DATE 4/7/76

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT



Form O-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

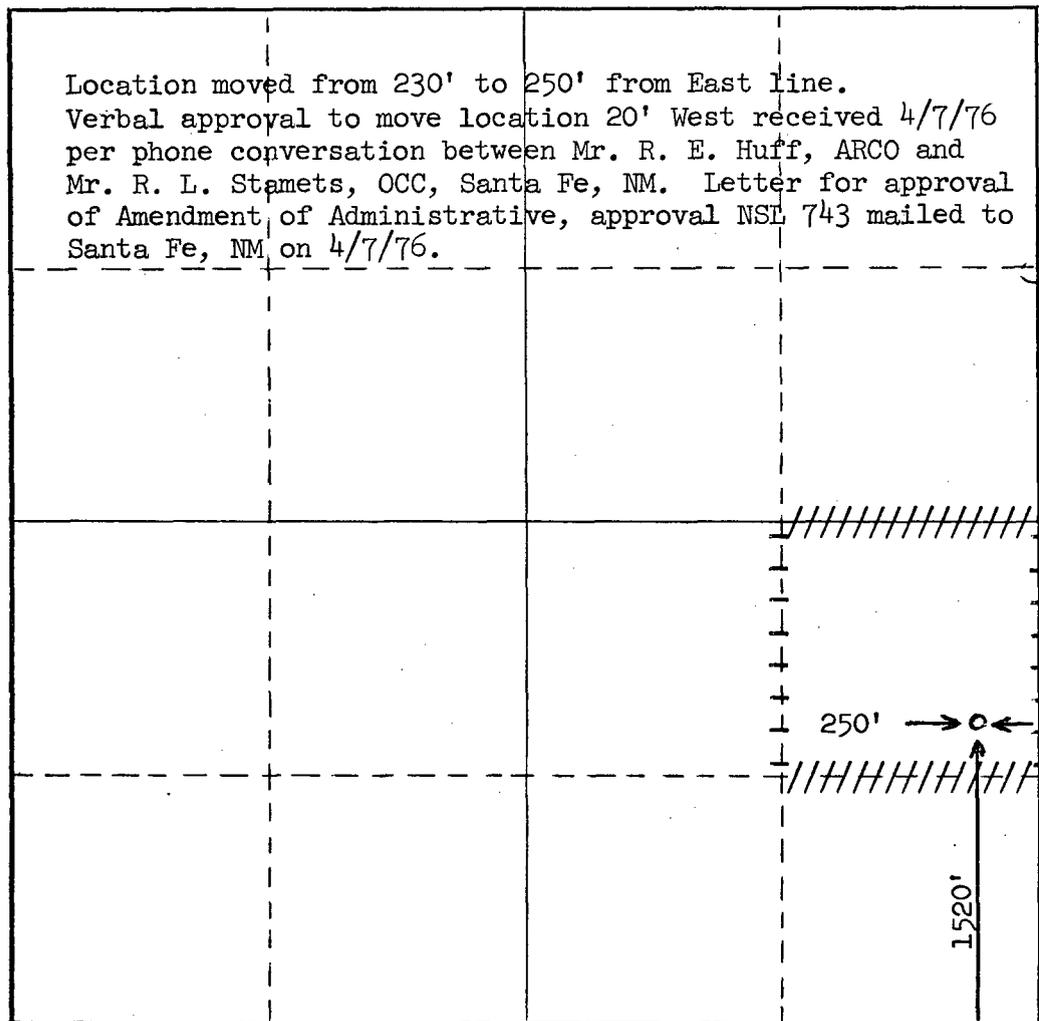
Operator Atlantic Richfield Company			Lease Empire Abo Unit "G"		Well No. Santa Fe 321
Unit Letter I	Section 33	Township 17South	Range 28 East	County Eddy	
Actual Footage Location of Well: 1520 feet from the South line and 250 feet from the East line					
Ground Level Elev. 3663.8'	Producing Formation Abo Reef		Pool Empire Abo	Dedicated Acreage: 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc.?

Yes No If answer is "yes," type of consolidation Unitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



Location moved from 230' to 250' from East line.
Verbal approval to move location 20' West received 4/7/76 per phone conversation between Mr. R. E. Huff, ARCO and Mr. R. L. Stamets, OCC, Santa Fe, NM. Letter for approval of Amendment of Administrative, approval NSL 743 mailed to Santa Fe, NM on 4/7/76.

CERTIFICATION

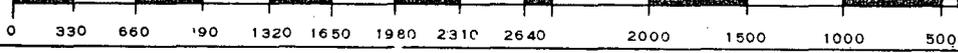
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name _____
Position
Dist. Drilling Supervisor
Company
Atlantic Richfield Company
Date
4/7/76

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed _____
Registered Professional Engineer and/or Land Surveyor

John W. Whit
Certificate No. **676**



OFFSET OPERATORS TO THE REVISED NON-STANDARD
DRILLING LOCATION WELL NO. G-321 WITHIN THE
PROJECT AREA OF THE ARCO-EMPIRE ABO UNIT
PRESSURE MAINTENANCE PROJECT



<u>OPERATOR</u>	<u>DATE OF NOTIFICATION</u>
1) Depco, Inc. 800 Central Odessa, Texas 79761	April 8, 1976
2) American Petrofina Company of Texas P. O. Box 1311 Big Spring, Texas	April 8, 1976
3) Yates Drilling Company 207 South Fourth Artesia, New Mexico 88210	April 8, 1976

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

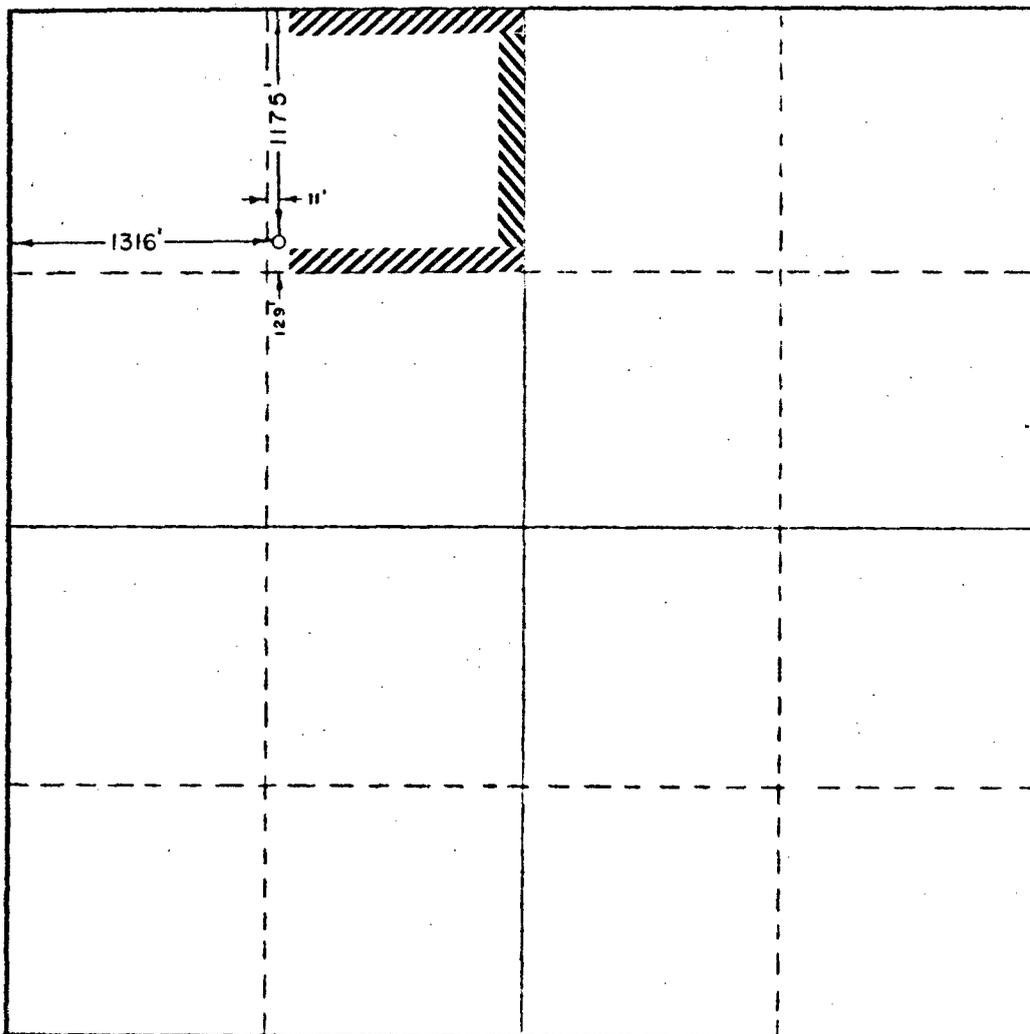
Operator Atlantic Richfield Company			Lease Empire Abo Unit E		Well No. 382
Unit Letter C	Section 35	Township 17 South	Range 28 East	County Eddy	
Actual Footage Location of Well:					
1316	feet from the	West	line and	1175	feet from the North line
Ground Level Elev. 3684.3	Producing Formation Abo Reef		Pool Empire Abo		Dedicated Acreage: 40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes No If answer is "yes," type of consolidation Unitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

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CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

J. L. Tweed
Name

J. L. Tweed
Position

District Engineer
Company

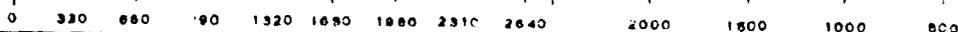
Atlantic Richfield Company
Date

November 26, 1975

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date **November 18, 1975**

Registered Professional Engineer and Surveyor **676**



NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

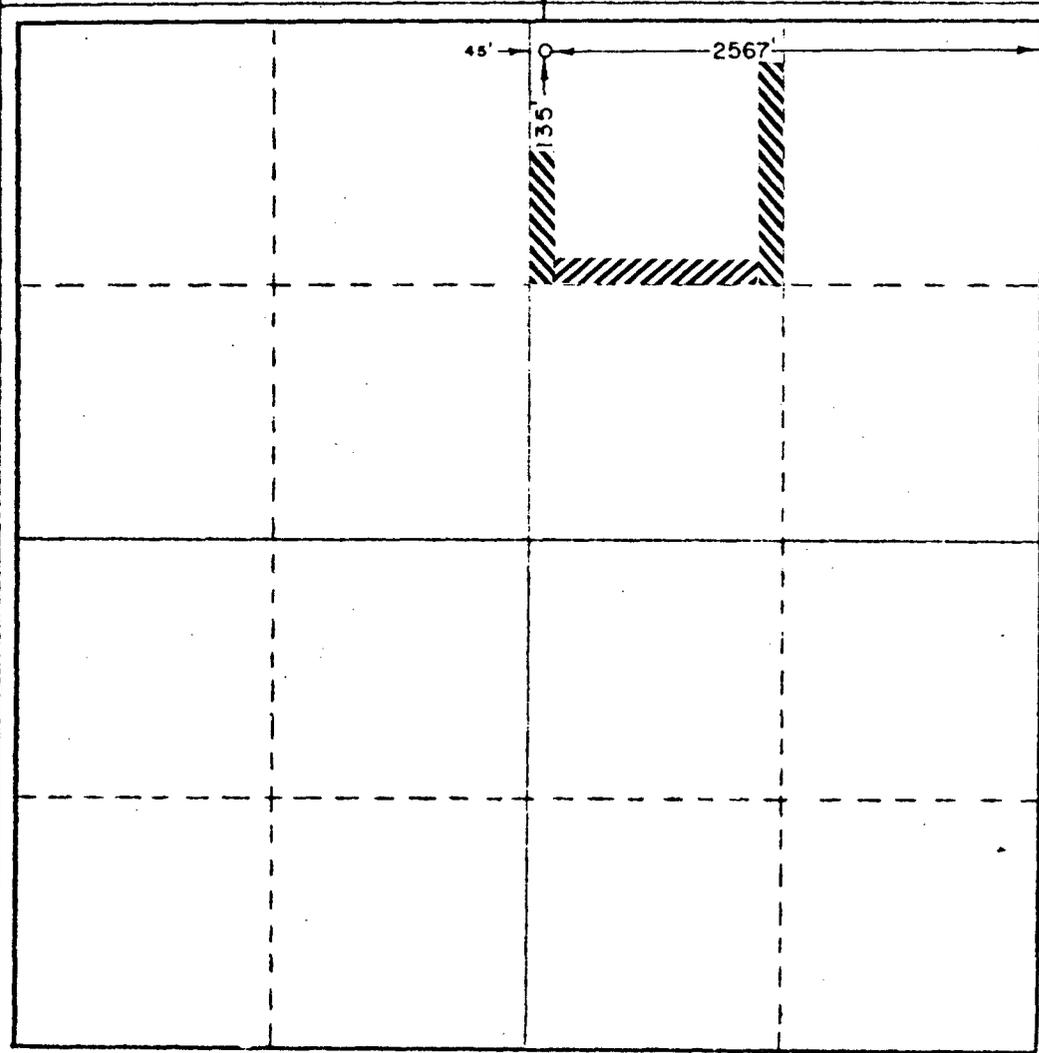
Operator Atlantic Richfield Company			Lease Empire Abo Unit E		Well No. 391
Unit Letter B	Section 35	Township 17 South	Range 28 East	County Eddy	
Actual Footage Location of Well: 2567 feet from the East line and 135 feet from the North line					
Ground Level Elev. 3681.9	Producing Formation Abo Reef		Pool Empire Abo	Dedicated Acreage: 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes No If answer is "yes," type of consolidation Unitization

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No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

J. L. Tweed
Name

J. L. Tweed

Position
District Engineer

Company
Atlantic Richfield Company

Date
November 26, 1975

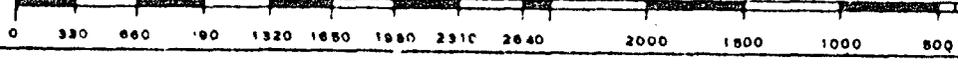
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date
November 26, 1975

Registered Professional Engineer and Surveyor
678

J. L. Tweed

REG. PROF. ENGINEER & LAND SURVEYOR
STATE OF NEW MEXICO
678



**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-55

All distances must be from the outer boundaries of the Section

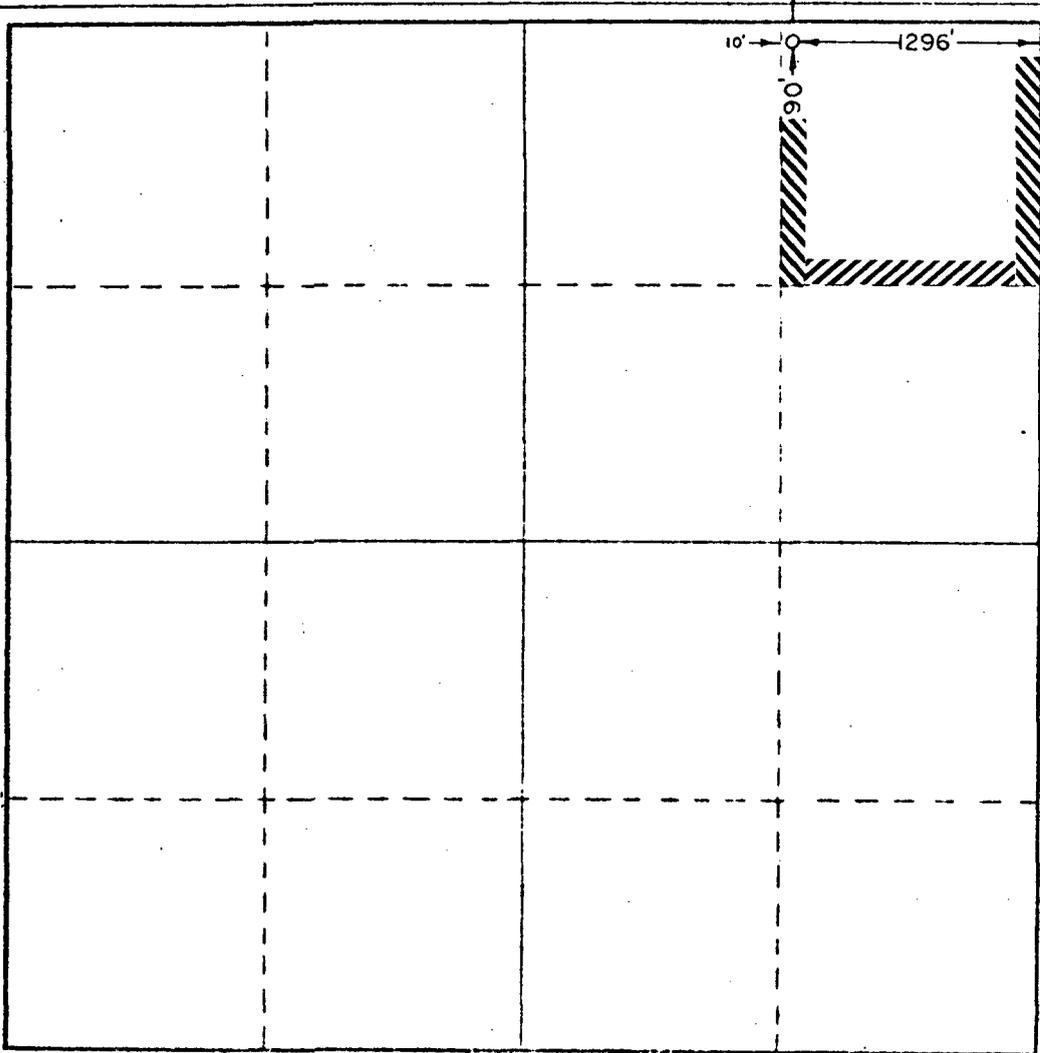
Operator Atlantic Richfield Company		Lease Empire Abo Unit E			Well No. 401
Unit Letter A	Section 35	Township 17 South	Range 28 East	County Eddy	
Actual Footage Location of Well: 1296 feet from the East line and 90 feet from the North line					
Ground Level Elev. 3669.1	Producing Formation Abo Reef		Pool Empire Abo	Dedicated Acreage 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes No If answer is "yes," type of consolidation Unitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

J. L. Tweed
Name

J. L. Tweed
Position

District Engineer
Company

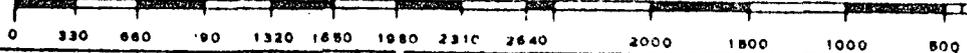
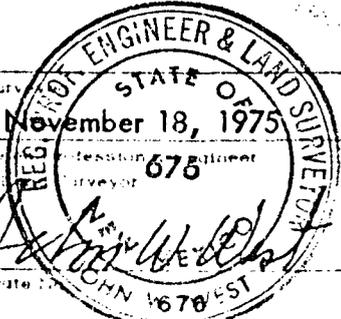
Atlantic Richfield Company
Date

November 26, 1975

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
November 18, 1975

Registration Commission
and/or Surveyor
675



**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

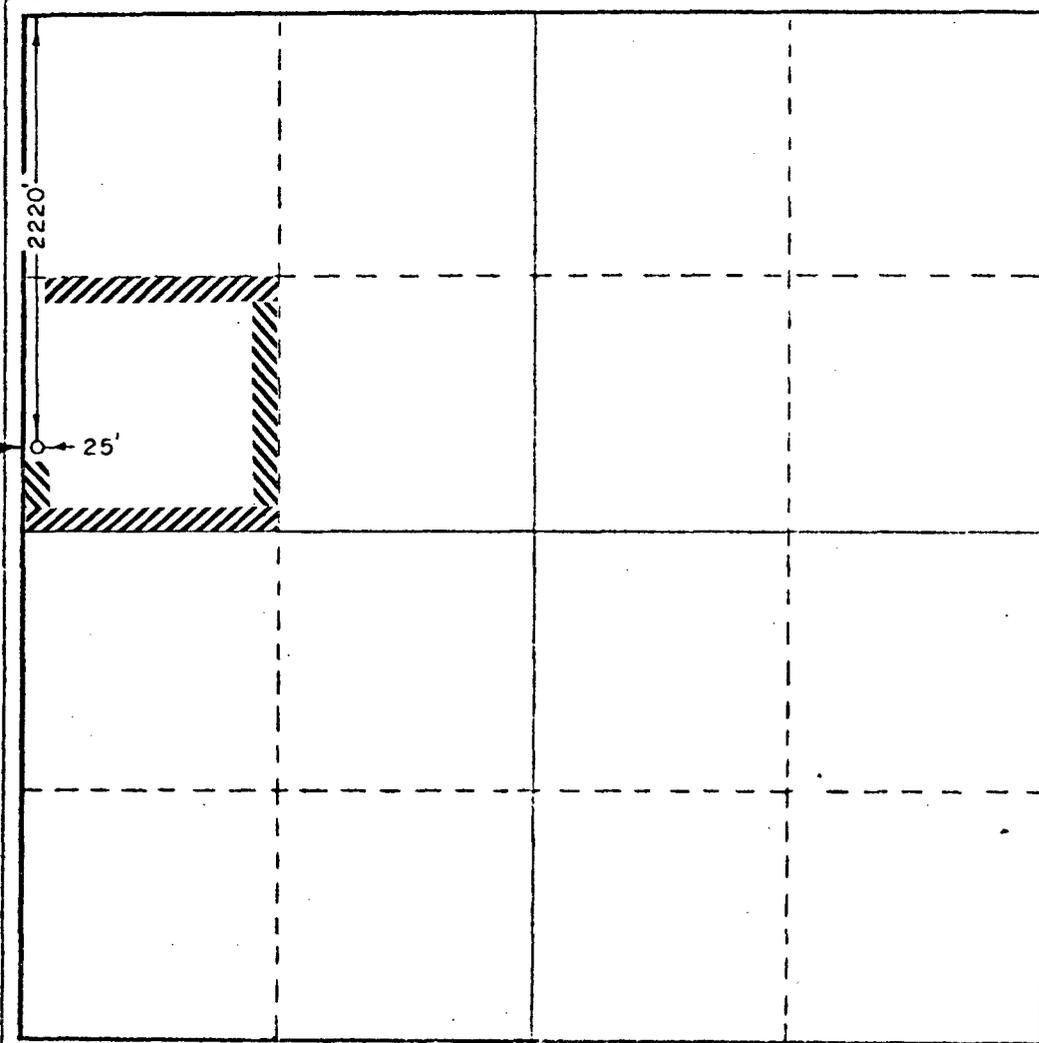
Operator Atlantic Richfield Company			Lease Empire Abo Unit F		Well No. 371
Unit Letter E	Section 35	Township 17 South	Range 28 East	County Eddy	
Actual Footage Location of Well: 2220 feet from the North line and 25 feet from the West line					
Ground Level Elev. 3672.9	Producing Formation Abo Reef		Pool Empire Abo	Producing Acreage 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communization, unitization, force-pooling, etc?

Yes No If answer is "yes," type of consolidation Unitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

J. L. Tweed
Name

J. L. Tweed

Position

District Engineer

Company

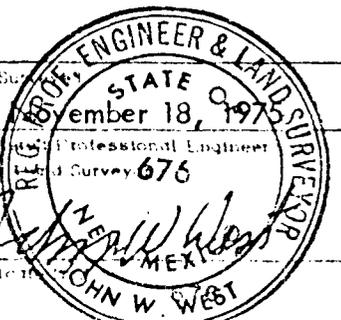
Atlantic Richfield Company

Date

November 26, 1975

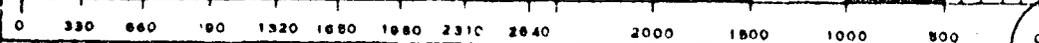
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Survey



Registered Professional Engineer and Land Surveyor **676**

Certification



**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

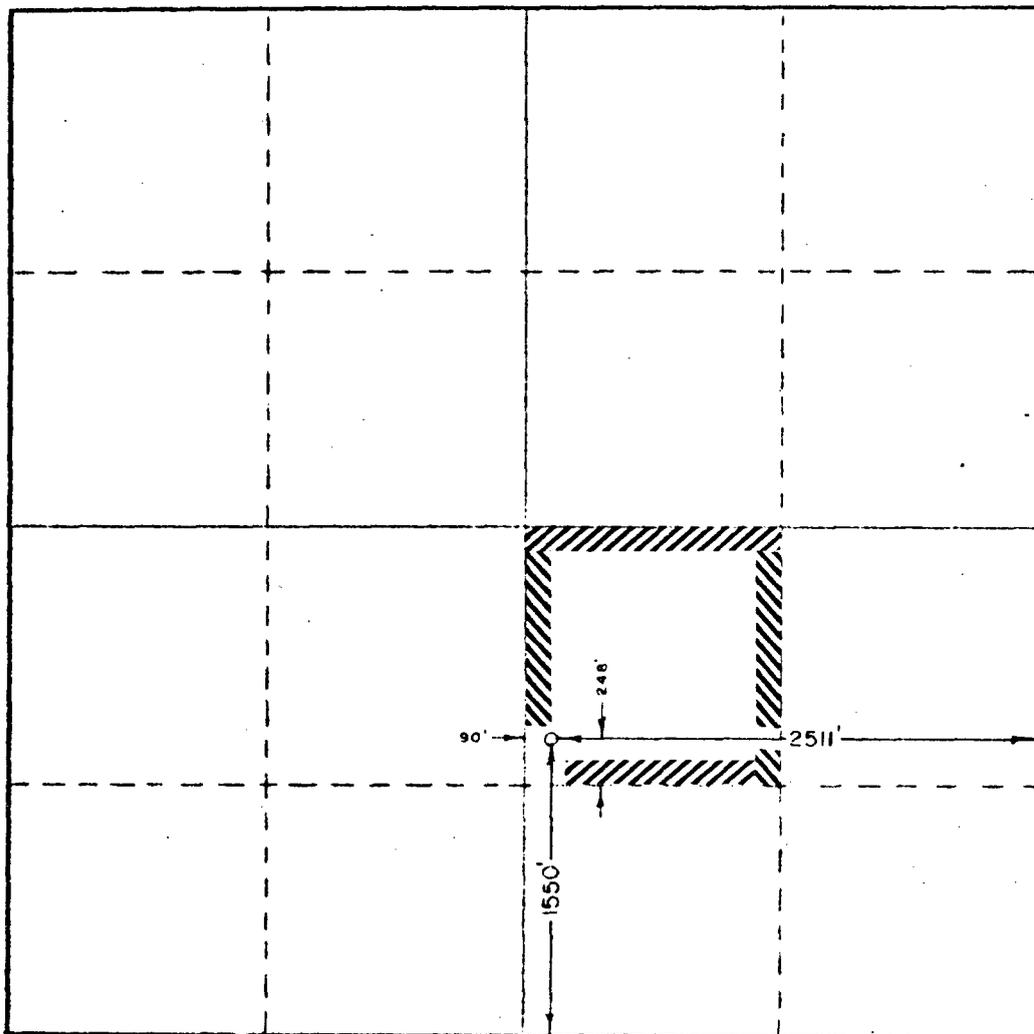
Operator Atlantic Richfield Company			Lease Empire Abo Unit G		Well No. 312
Unit Letter J	Section 33	Township 17 South	Range 28 East	County Eddy	
Actual Footage Location of Well: 2511 feet from the East line and 1550 feet from the South line					
Ground Level Elev. 3661.9	Producing Formation Abo Reef	Pool Empire Abo		Estimated Acreage 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes No If answer is "yes," type of consolidation Unitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

J. L. Tweed
Name

J. L. Tweed
Position

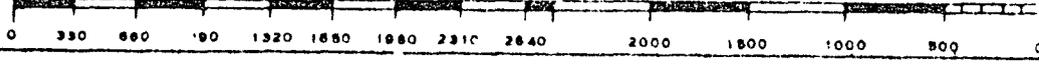
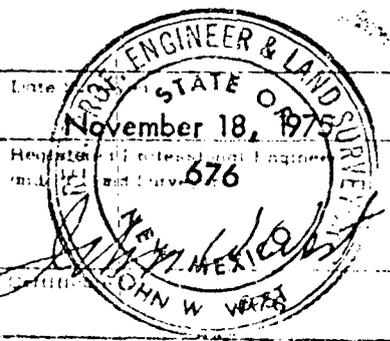
District Engineer
Company

Atlantic Richfield Company
Date

November 26, 1975

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date **November 18, 1975**
Registered Professional Engineer
No. **676**



NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

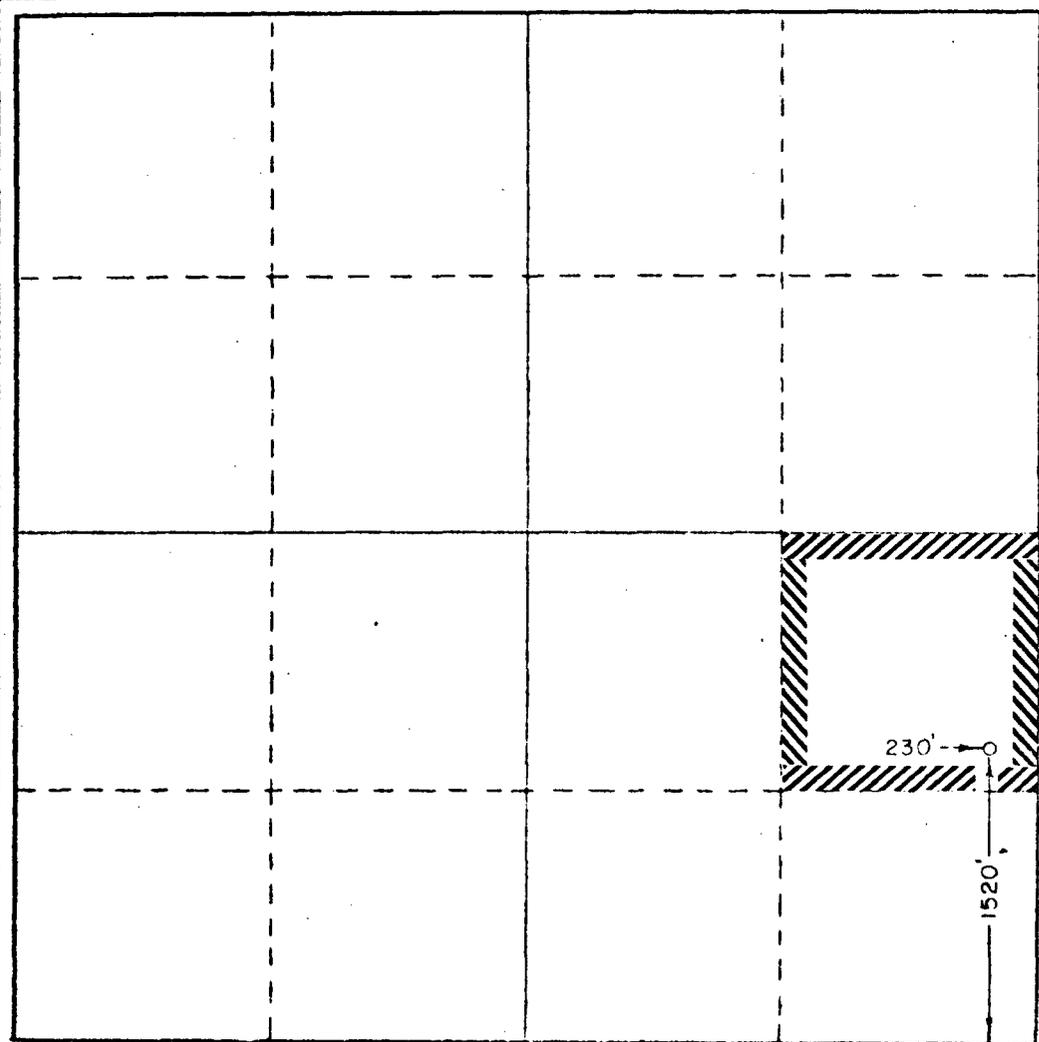
Operator Atlantic Richfield Company		Lease Empire Abo Unit G			Well No. 321
Unit Letter 1	Section 33	Township 17 South	Range 28 East	County Eddy	
Actual Footage Location of Well: 1520 feet from the South line and 230 feet from the East line					
Ground Level Elev. 3663.8	Producing Formation Abo Reef		Pool Empire Abo	Dedicated Acreage: 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes No If answer is "yes," type of consolidation Unitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

J. L. Tweed
Name

Mr. J. L. Tweed
Position

District Engineer
Company

Atlantic Richfield Company
Date

November 26, 1975

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
November 18, 1975

Registered Professional Engineer
and of the State of New Mexico

John W. West
676
676
J. W. WEST
REGISTERED PROFESSIONAL ENGINEER & LAND SURVEYOR
STATE OF NEW MEXICO

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-112
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

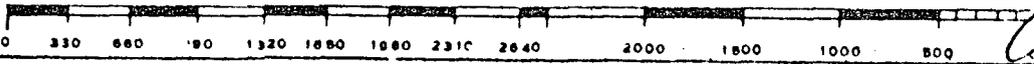
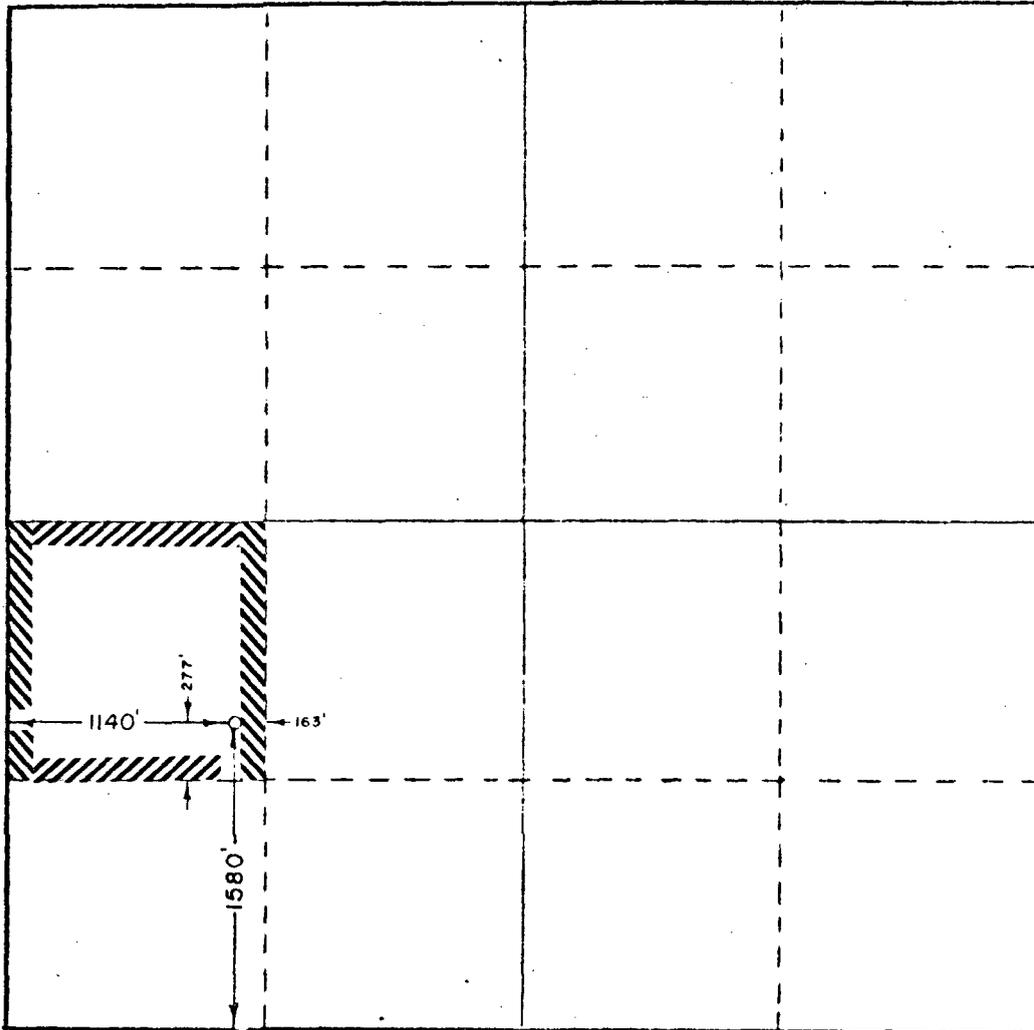
Operator Atlantic Richfield Company			Lease Empire Abo Unit G		Well No. 331
Unit Letter L	Section 34	Township 17 South	Range 28 East	County Eddy	
Actual Footage Location of Well: 1140 feet from the West line and 1580 feet from the South line					
Ground Level Elev. 3667.3	Producing Formation Abo Reef		Pool Empire Abo	Tract or Acreage 40	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes No If answer is "yes," type of consolidation Unitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated (use reverse side of this form if necessary.) _____

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CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

J. L. Tweed
Name

J. L. Tweed

Position

District Engineer

Company

Atlantic Richfield Company

Date

November 26, 1975

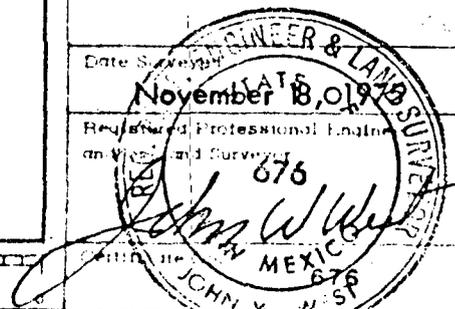
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

November 18, 1975

Registered Professional Engineer
and Professional Surveyor

676



**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

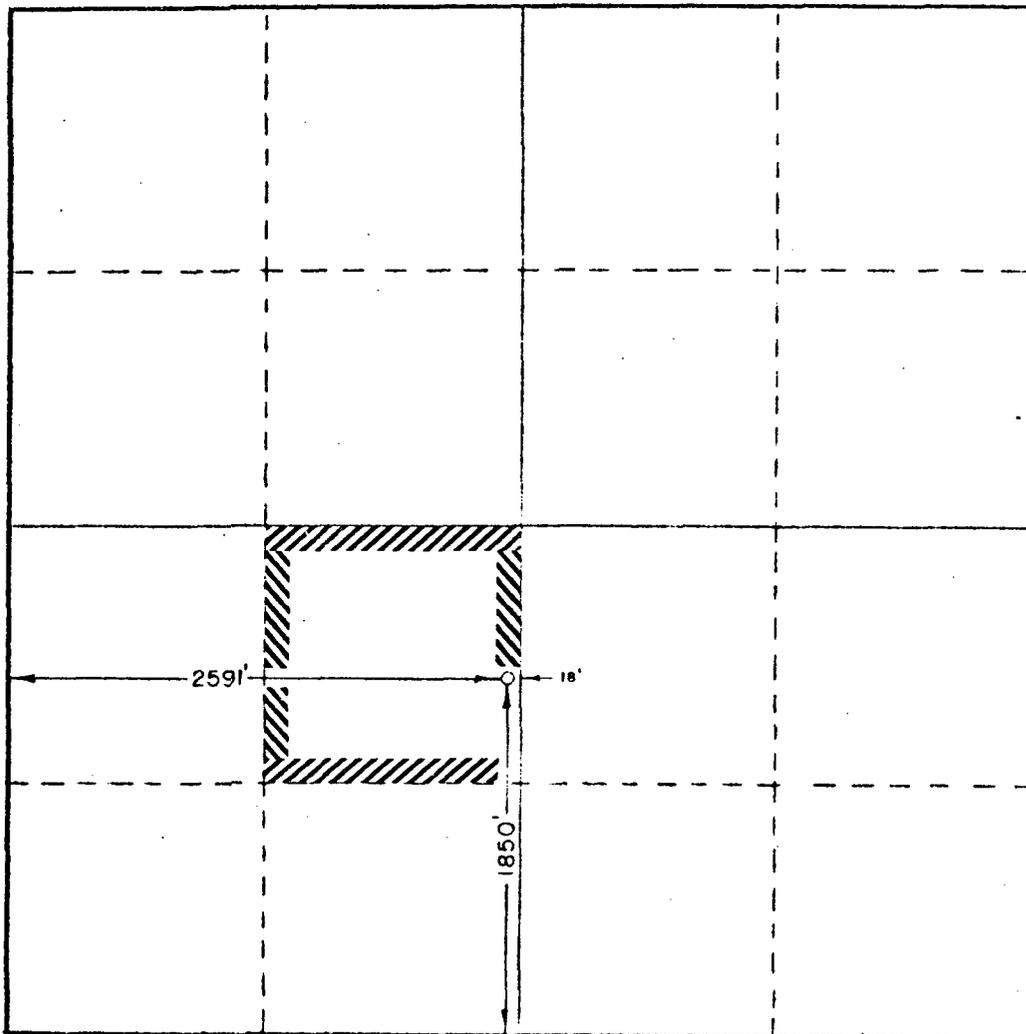
Operator Atlantic Richfield Company			Lease Empire Abo Unit G		Well No. 341
Unit Letter K	Section 34	Township 17 South	Range 28 East	County Eddy	
Actual Footage Location of Well: 1850 feet from the South line and 2591 feet from the West line					
Ground Level Elev. 3661.2	Producing Formation Abo Reef		Pool Empire Abo	Production Acreage 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes No If answer is "yes," type of consolidation Unitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

J. L. Tweed
Name

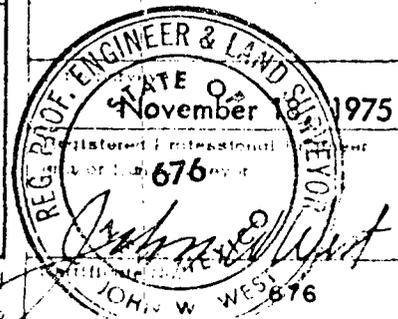
J. L. Tweed
Position

District Engineer
Company

Atlantic Richfield Company
Date

November 26, 1975

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.



0 330 660 1320 1980 2640 2000 1800 1000 500

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

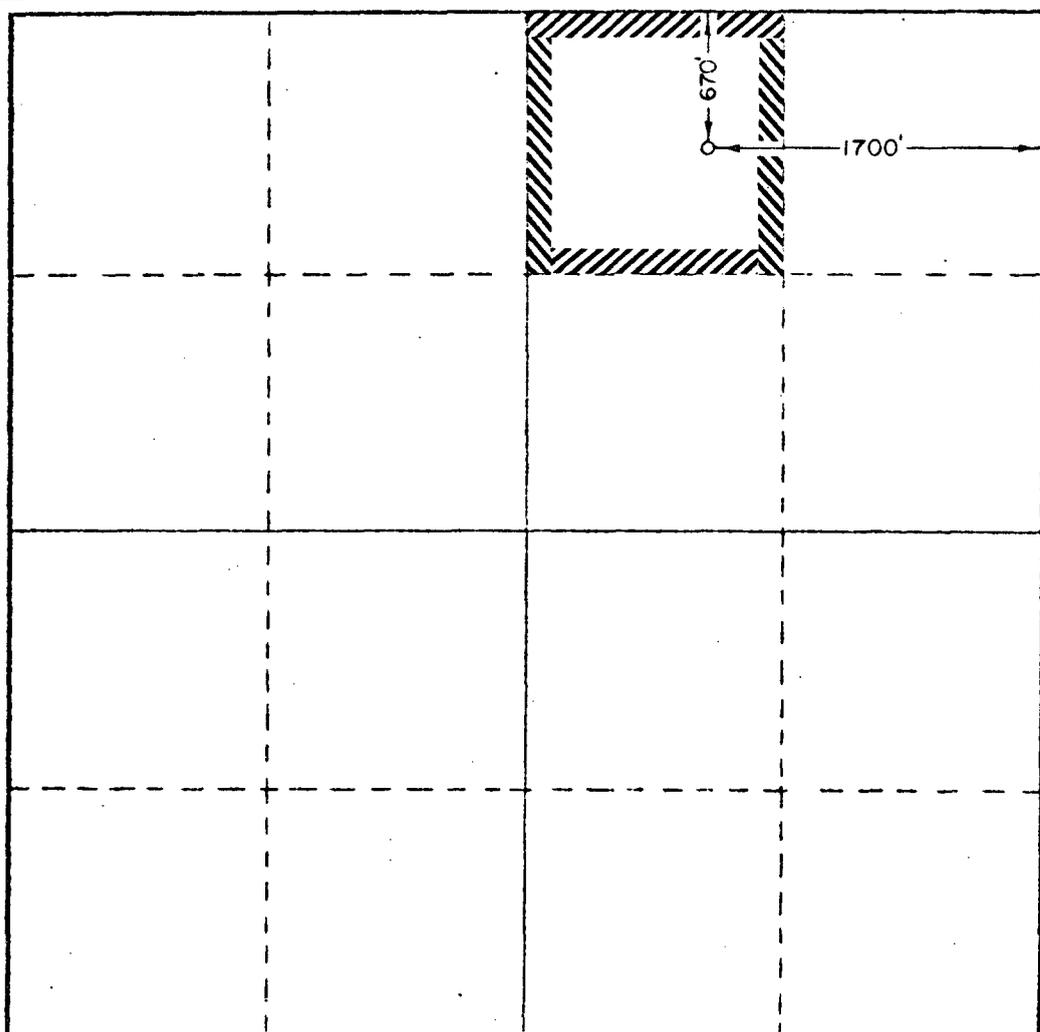
Operator Atlantic Richfield Company		Lease Empire Abo Unit I			Well No. 271
Unit Letter B	Section 5	Township 18 South	Range 28 East	County Eddy	
Actual Footage Location of Well: 1700 feet from the East line and 670 feet from the North line					
Ground Level Elev. 3654.0	Producing Formation Abo Reef		Pool Empire Abo	Dedicated Acreage: 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes No If answer is "yes," type of consolidation Unitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

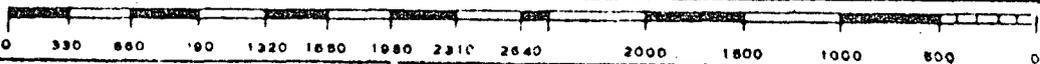


CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

J. L. Tweed
 Name
J. L. Tweed
 Position
District Engineer
 Company
Atlantic Richfield Company
 Date
November 26, 1975

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.



**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-122
Superseded C-12A
Effective 1-1-65

All distances must be from the outer boundaries of the Section

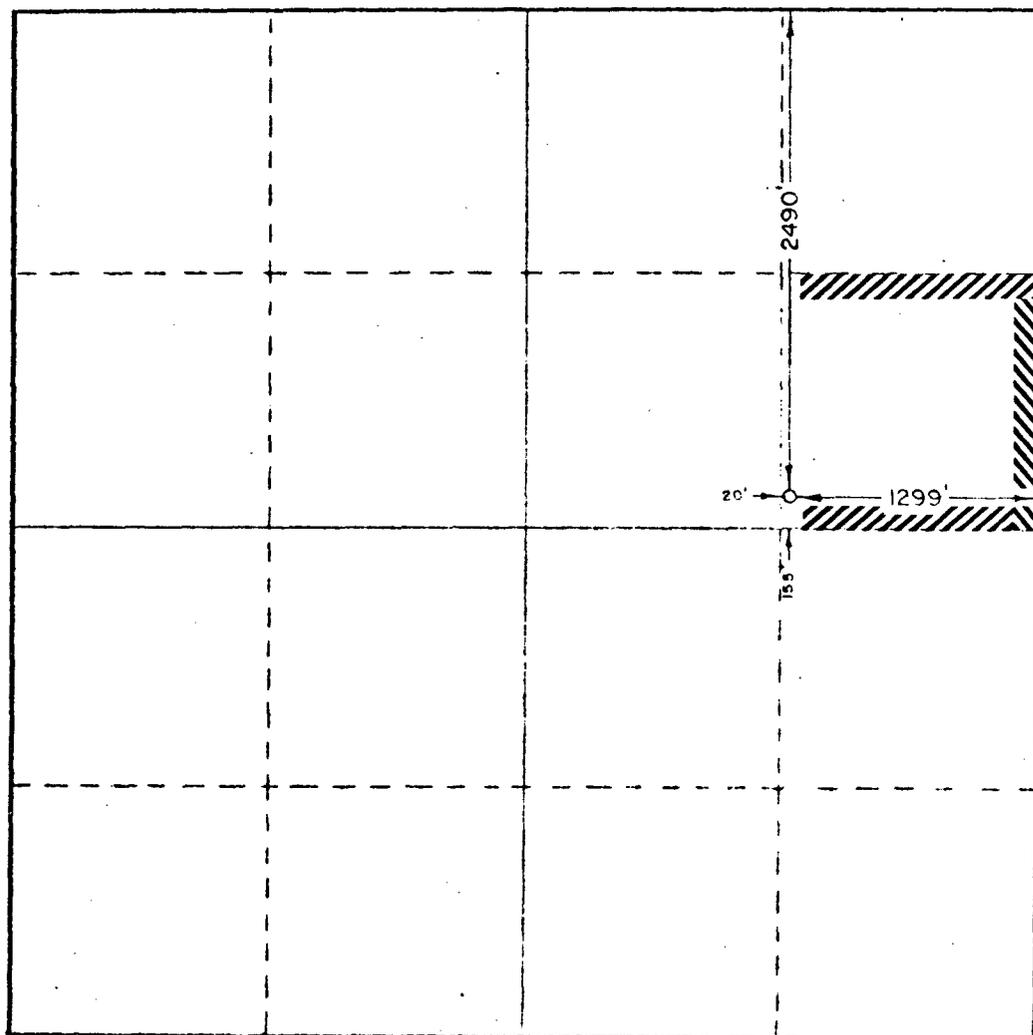
Operator Atlantic Richfield Company			Lease Empire Abo Unit J		Well No. 202
Unit Letter H	Section 1	Township 18 South	Range 27 East	County Eddy	
Actual Footage Location of Well: 2490 feet from the North line and 1299 feet from the East line					
Ground Level Elev. 3656.1	Producing Formation Abo Reef		Foot Empire Abo	Production Acreage 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes No If answer is "yes," type of consolidation Unitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. Use reverse side of this form if necessary.) _____

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CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

J. L. Tweed
Name

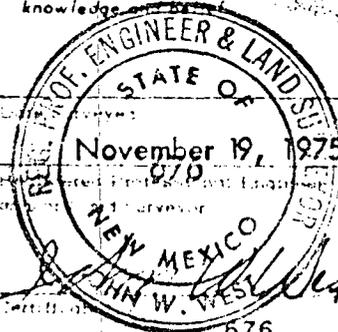
J. L. Tweed
Position

District Engineer
Company

Atlantic Richfield Company
Date

November 26, 1975

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge.



NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

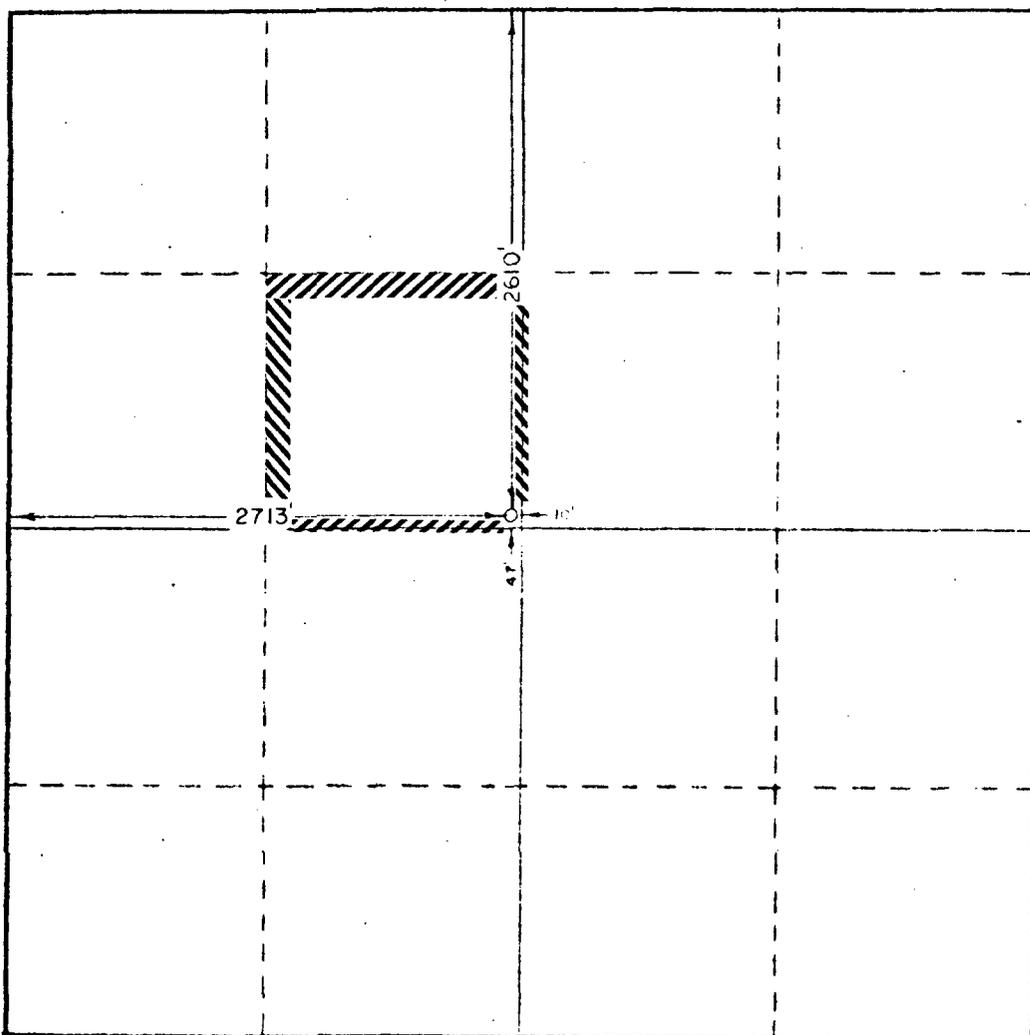
Operator Atlantic Richfield Company		Lease Empire Abo Unit J			Well No. 221
Unit Letter F	Section 6	Township 18 South	Range 28 East	County Eddy	
Actual Well Location of Well: 2713 feet from the West line and 2610 feet from the North line					
Ground Level Elev. 3660.8	Producing Formation Abo Reef	Pool Empire Abo	Dedicated Acreage: 40 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes No If answer is "yes," type of consolidation Unitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

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CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

J. L. Tweed
Name

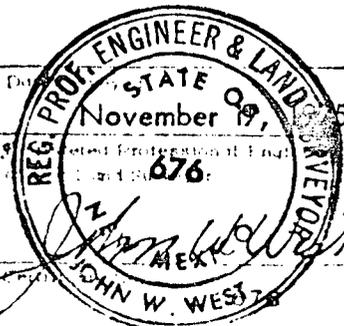
J. L. Tweed
Position

District Engineer
Company

Atlantic Richfield Company
Date

November 26, 1975

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.



**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

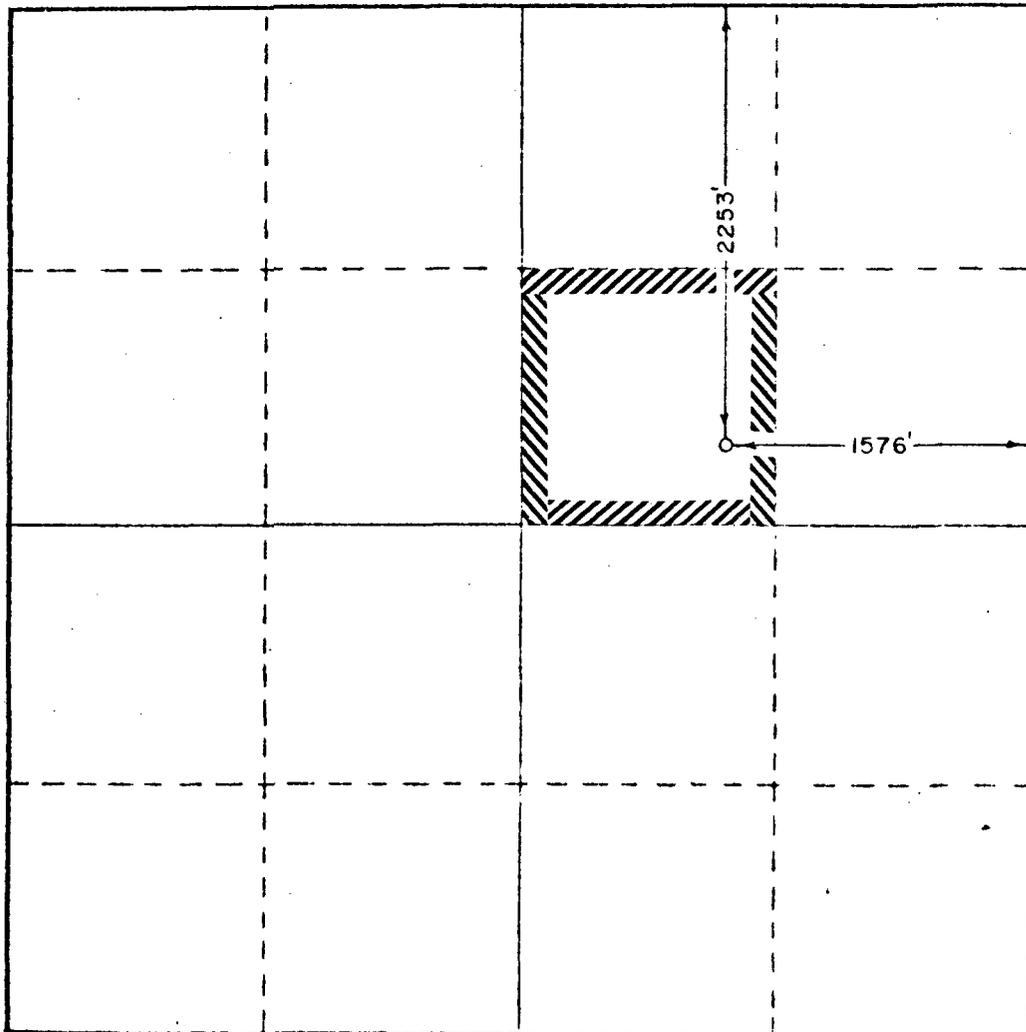
Operator Atlantic Richfield Company			Lease Empire Abo Unit J		Well No. 232
Unit Letter G	Section 6	Township 18 South	Range 28 East	County Eddy	
Actual Footage Location of Well:					
1576 feet from the		East	line and	2253 feet from the	
				North	
Ground Level Elev. 3665.9	Producing Formation Abo Reef		Pool Empire Abo	Acres 40	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes No If answer is "yes," type of consolidation Unitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

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CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

J. L. Tweed
Signature

J. L. Tweed

Position

District Engineer

Company

Atlantic Richfield Company

Date

November 26, 1975

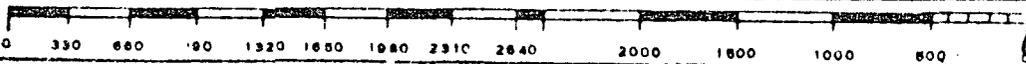
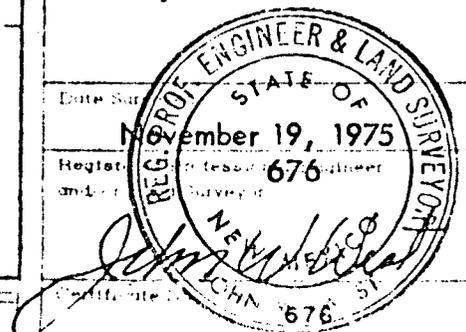
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Sur

November 19, 1975

Regist

and
676



NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-112
Supersedes O-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

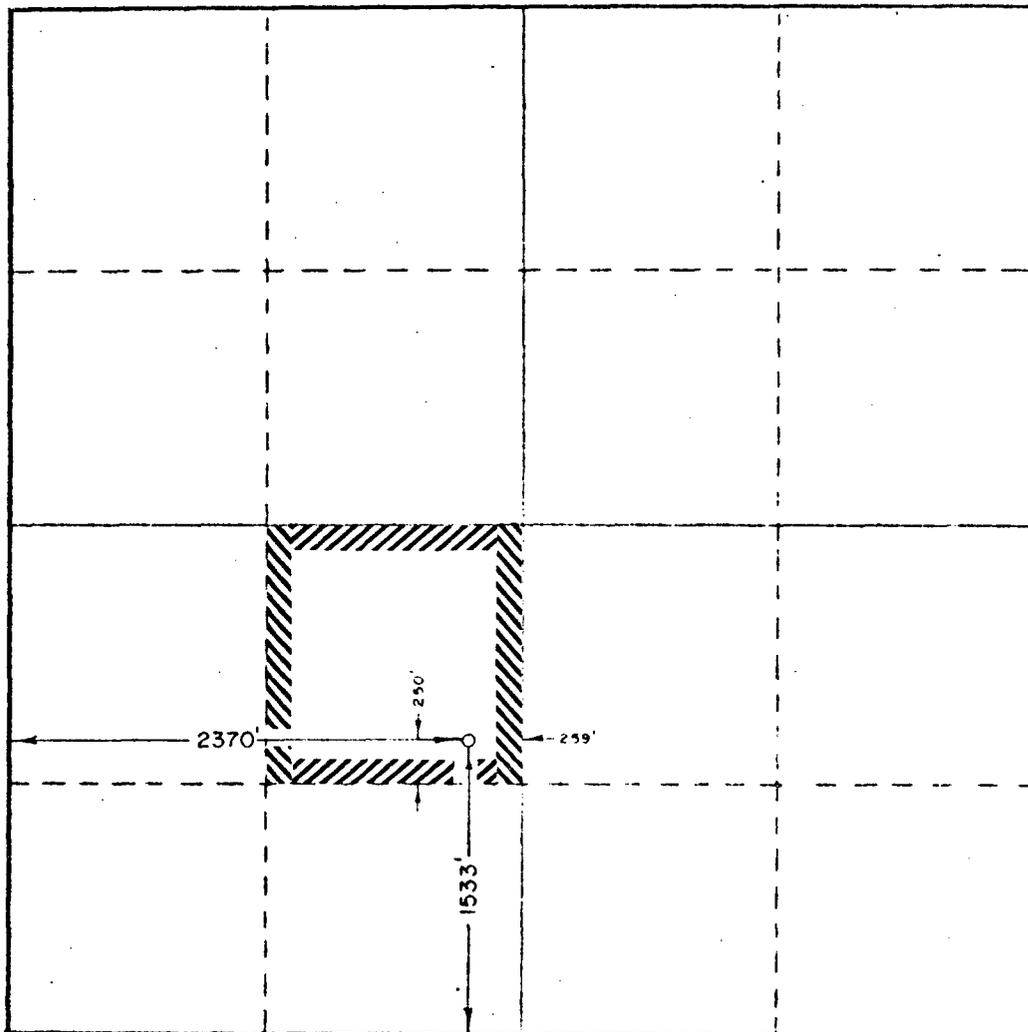
Operator Atlantic Richfield Company		Lease Empire Abo Unit K		Well No. 182
Unit Letter K	Section 1	Township 18 South	Range 27 East	County Eddy
Actual Footage Location of Well: 2370 feet from the West line and 1533 feet from the South line				
Ground Level Elev. 3613	Producing Formation Abo Reef	Foot	Producing Interval 40	Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes No If answer is "yes," type of consolidation Unitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

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CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

J. L. Tweed
Name

J. L. Tweed
Position

District Engineer
Company

Atlantic Richfield Company
Date

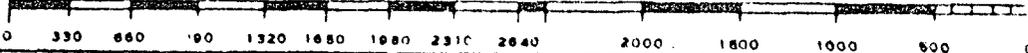
November 26, 1975

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
November 19, 1975

Registered Professional Engineer
and or Surveyor
610

John W. West
John W. West
MEXICO



**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

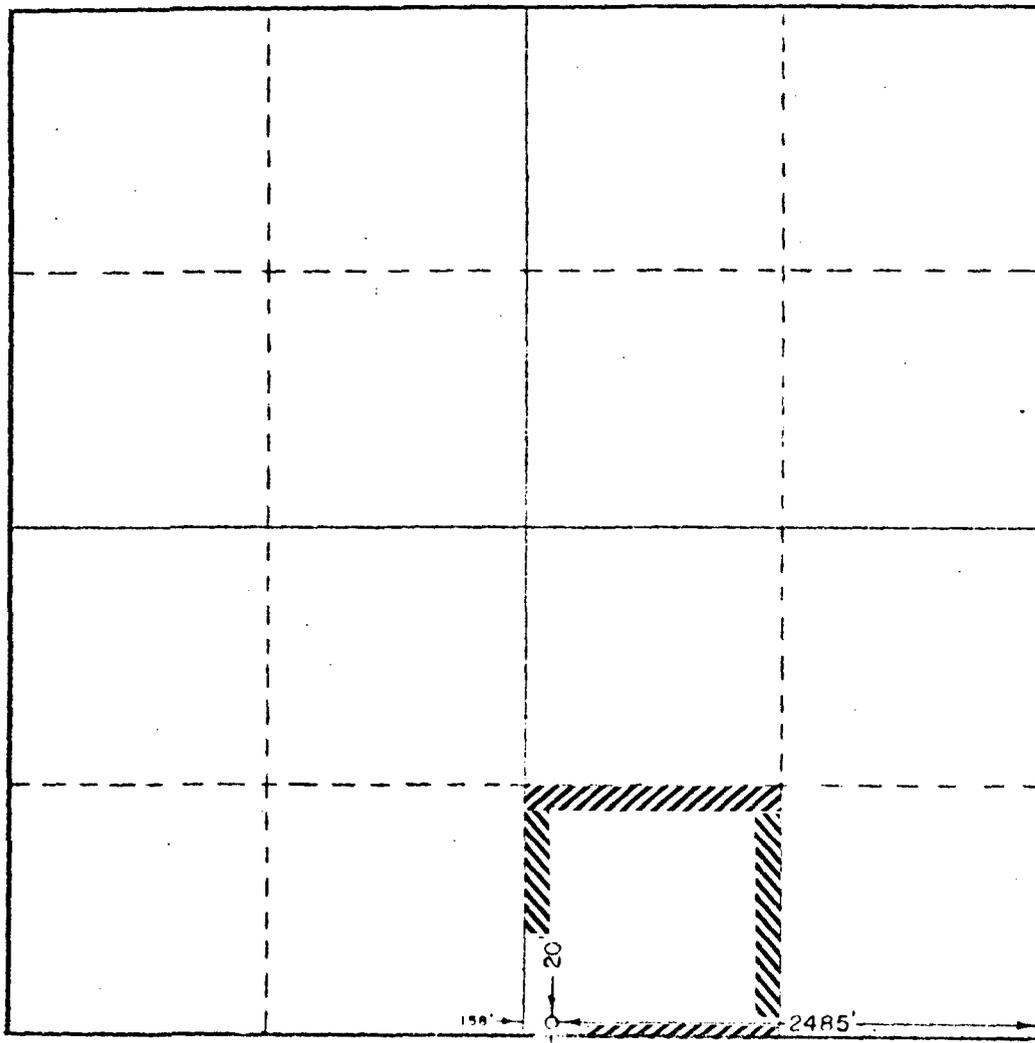
Operator Atlantic Richfield Company			Lease Empire Abo Unit L		Well No. 111
Map Letter O	Section 3	Township 18 South	Range 27 East	County Eddy	
Actual Footage Location of Well: 2485 feet from the East line and 20 feet from the South line					
Ground Level Elev. 3510	Producing Formation Abo Reef		Pool Empire Abo	Well Head Diameter 40	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes No If answer is "yes," type of consolidation Unitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

J. L. Tweed
Name

J. L. Tweed

Position

District Engineer

Company

Atlantic Richfield Company

Date

November 26, 1975

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

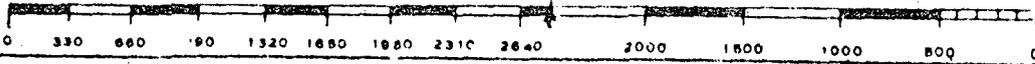
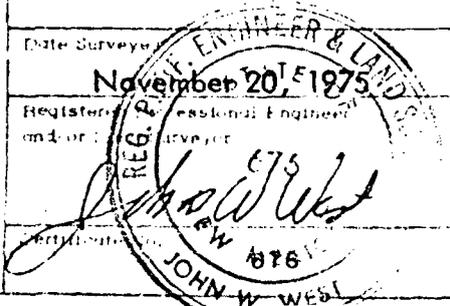
November 20, 1975

Registered

Professional Engineer

and/or

Surveyor



NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-112
Supersedes O-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

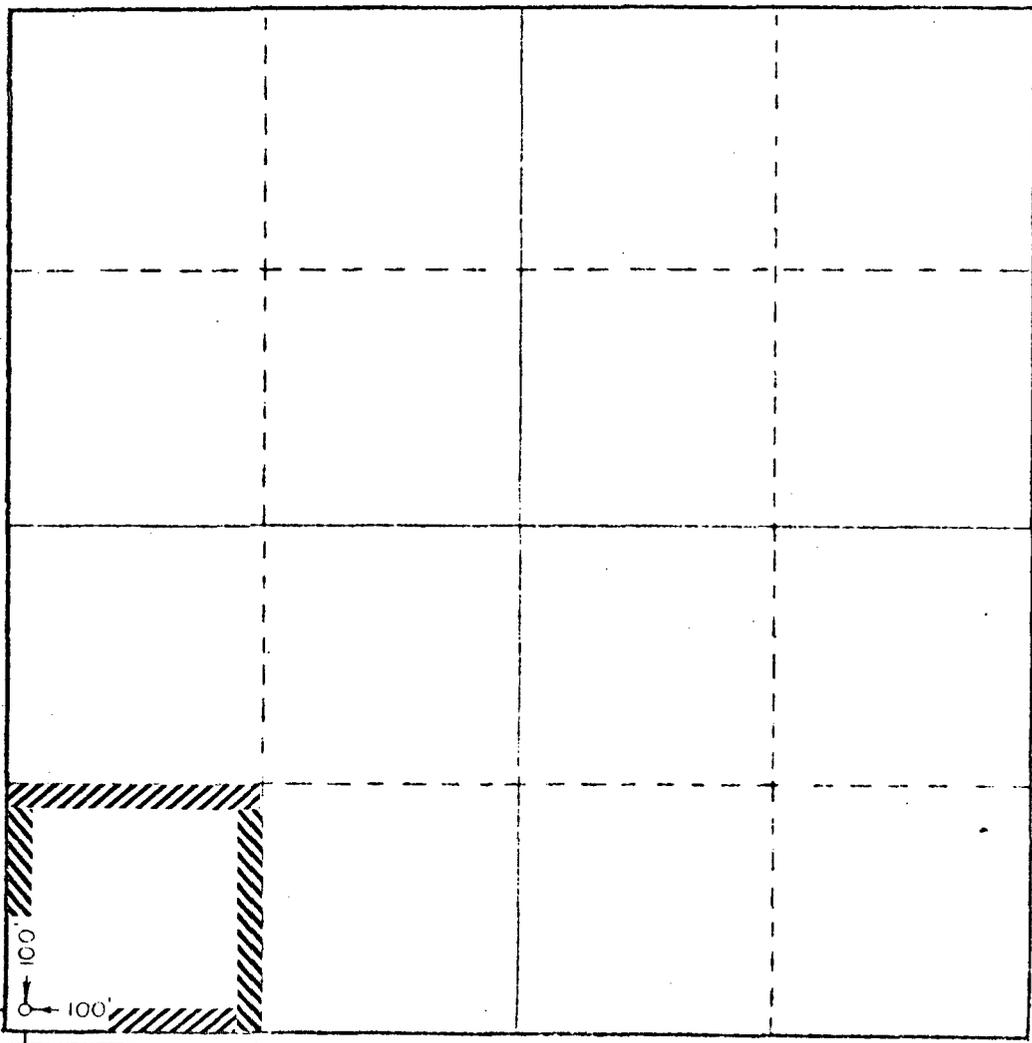
Operator Atlantic Richfield Company			Lease Empire Abo Unit L		Section 131
Plot Letter M	Section 2	Township 18 South	Range 27 East	County Eddy	
Actual Footage Location of Well: 100 feet from the South line and 100 feet from the West line					
Ground Level Elev. 3529.2	Producing Formation Abo Reef		Pool Empire Abo	Estimated Footage 40	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes No If answer is "yes," type of consolidation Unitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

J. L. Tweed

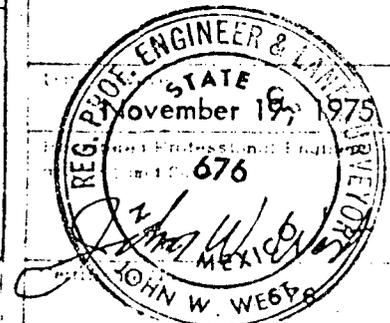
J. L. Tweed

District Engineer

Atlantic Richfield Company

November 26, 1975

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.



**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

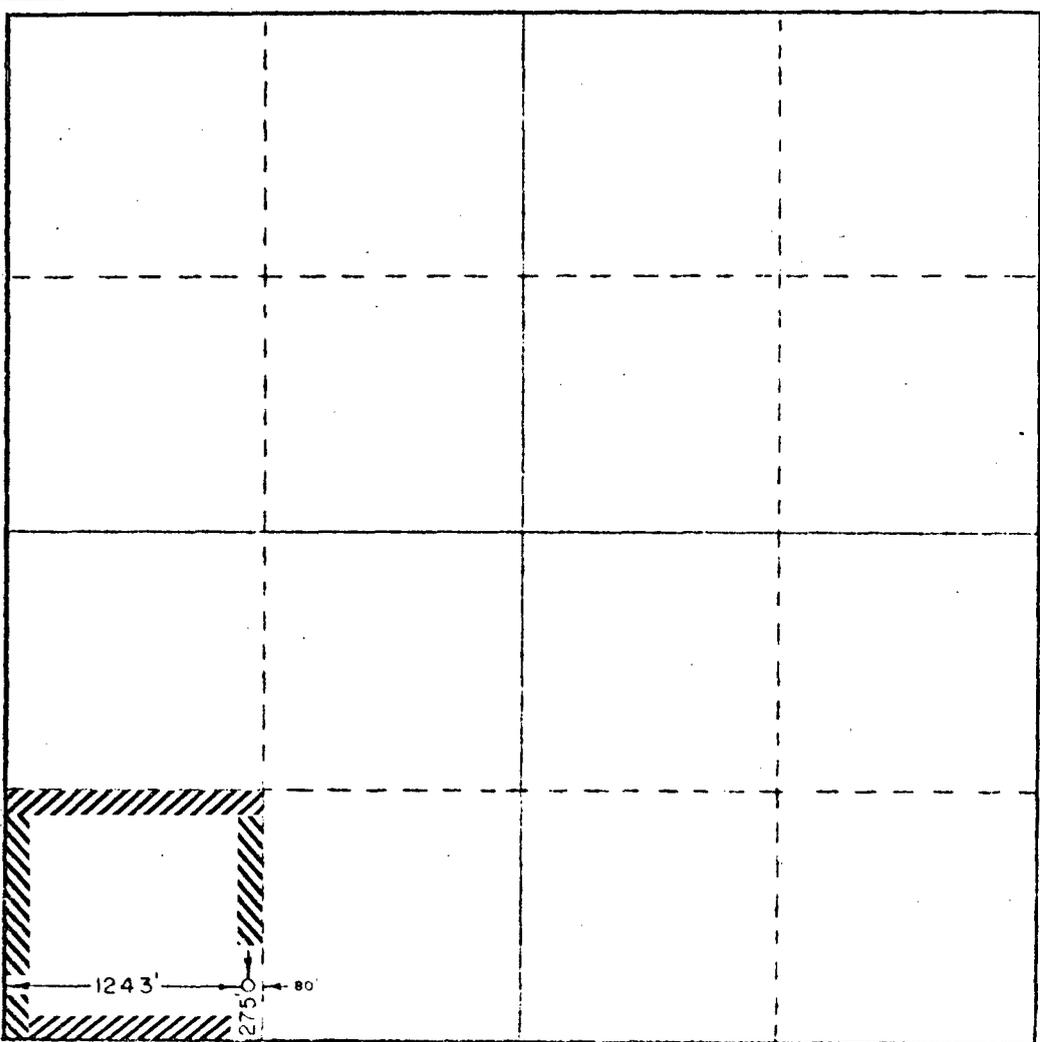
Operator Atlantic Richfield Company			Lease Empire Abo Unit L			Well No. 132		
Unit Letter: M	Section 2	Township 18 South	Range 27 East	County Eddy				
Actual Footage Location of Well: 1243 feet from the West line and 275 feet from the South line								
Ground Level Elev. 3536.3	Producing Formation Abo Reef		Pool Empire Abo			Producing Acreage 40 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes No If answer is "yes," type of consolidation Unitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

J. L. Tweed
Name

J. L. Tweed
Position

District Engineer
Company

Atlantic Richfield Company
Date

November 26, 1975

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed: _____
 Registered Professional Engineer & Land Surveyor
 STATE OF NEW MEXICO
 No. 9761
 JOHN MEXICO

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

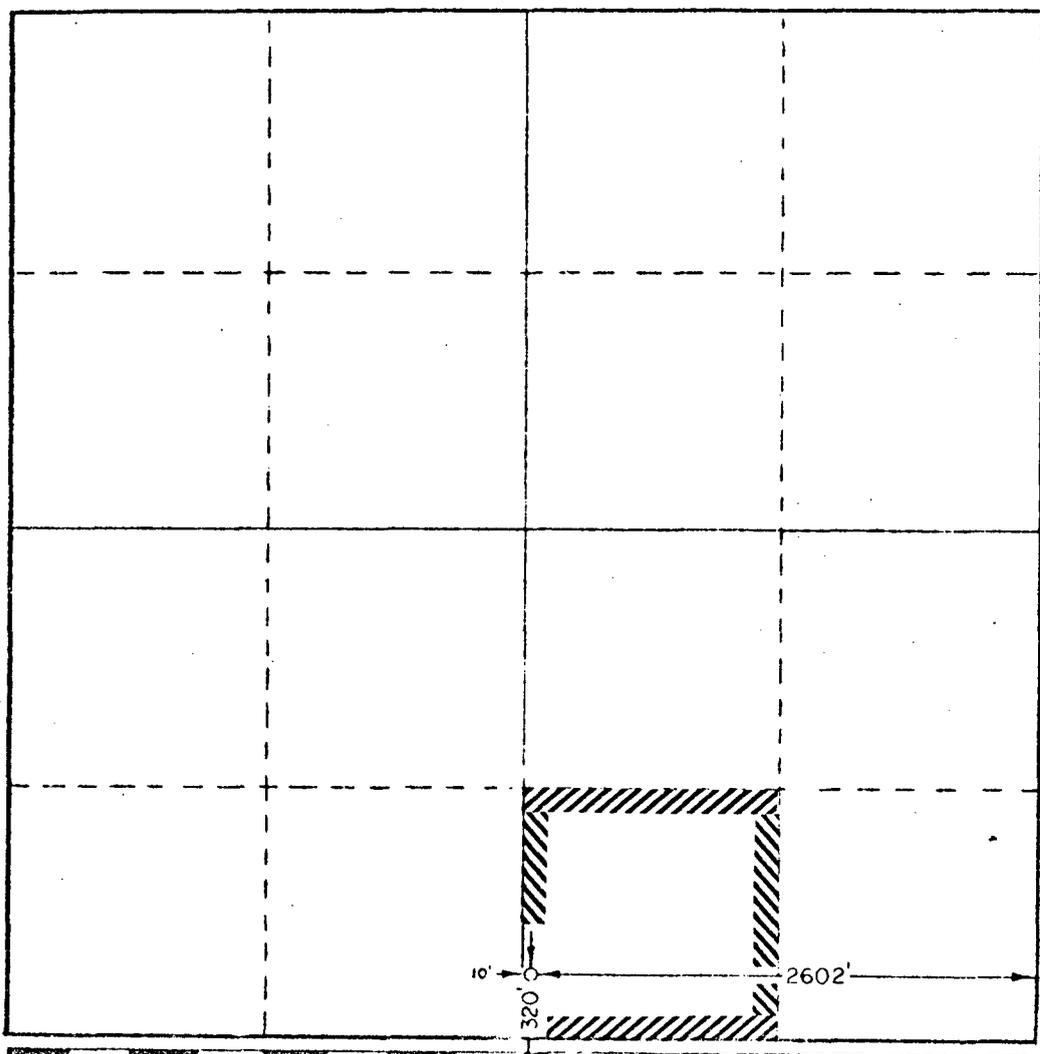
Operator Atlantic Richfield Company			Lease Empire Abo Unit L			Well No. 152		
Grid Letter O	Section 2	Township 18 South	Range 27 East	County Eddy				
Actual Forage Location of Well: 2602 feet from the East line and 320 feet from the South line								
Ground Level Elev. 3568.4	Producing Formation Abo Reef		Pool Empire Abo			Estimated Acreage 40		

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes No If answer is "yes," type of consolidation Unitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

J. L. Tweed
Name

J. L. Tweed
Position

District Engineer
Company

Atlantic Richfield Company
Date

November 26, 1975

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

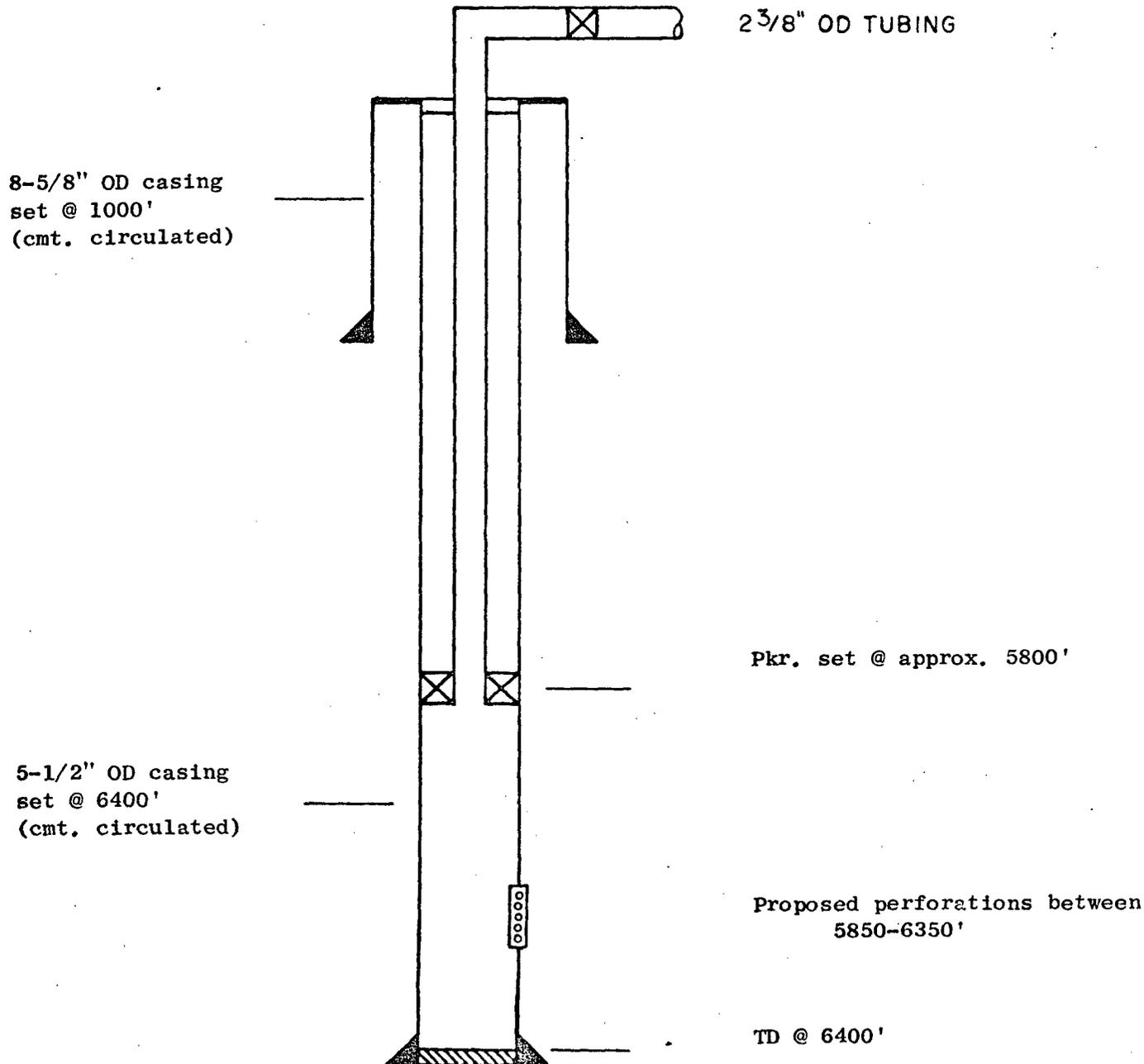
Date Surveyed
November 19, 1975

Registered Professional Engineer and Land Surveyor
676

John W. West
Certificate No. **676**
JOHN W. WEST

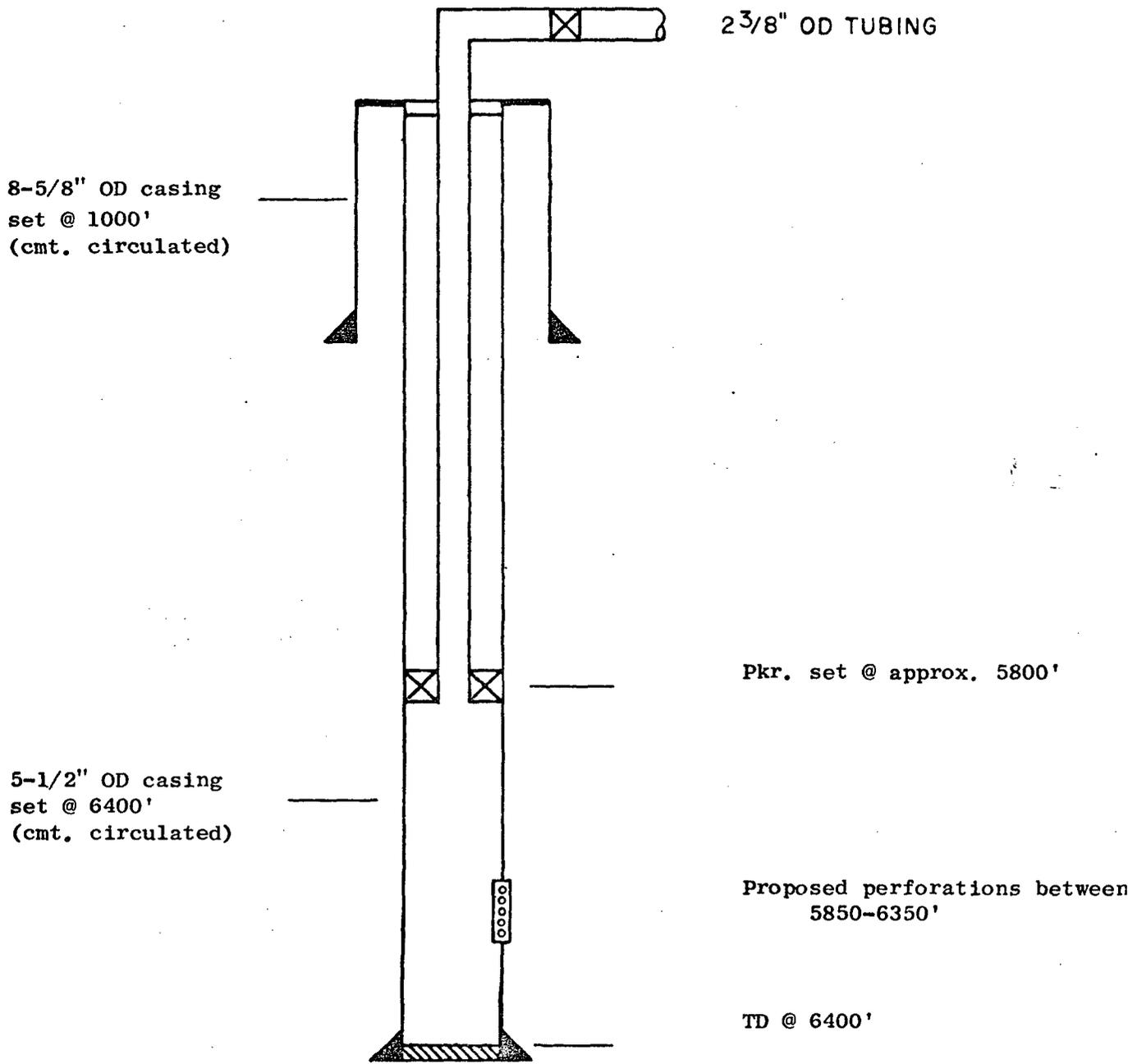
ATLANTIC RICHFIELD COMPANY
Empire Abo Unit Well E-382
1175' FNL & 1316' FWL, Sec. 35, T-17S, R-28E
Eddy County, New Mexico

Proposed Producing Well Diagram



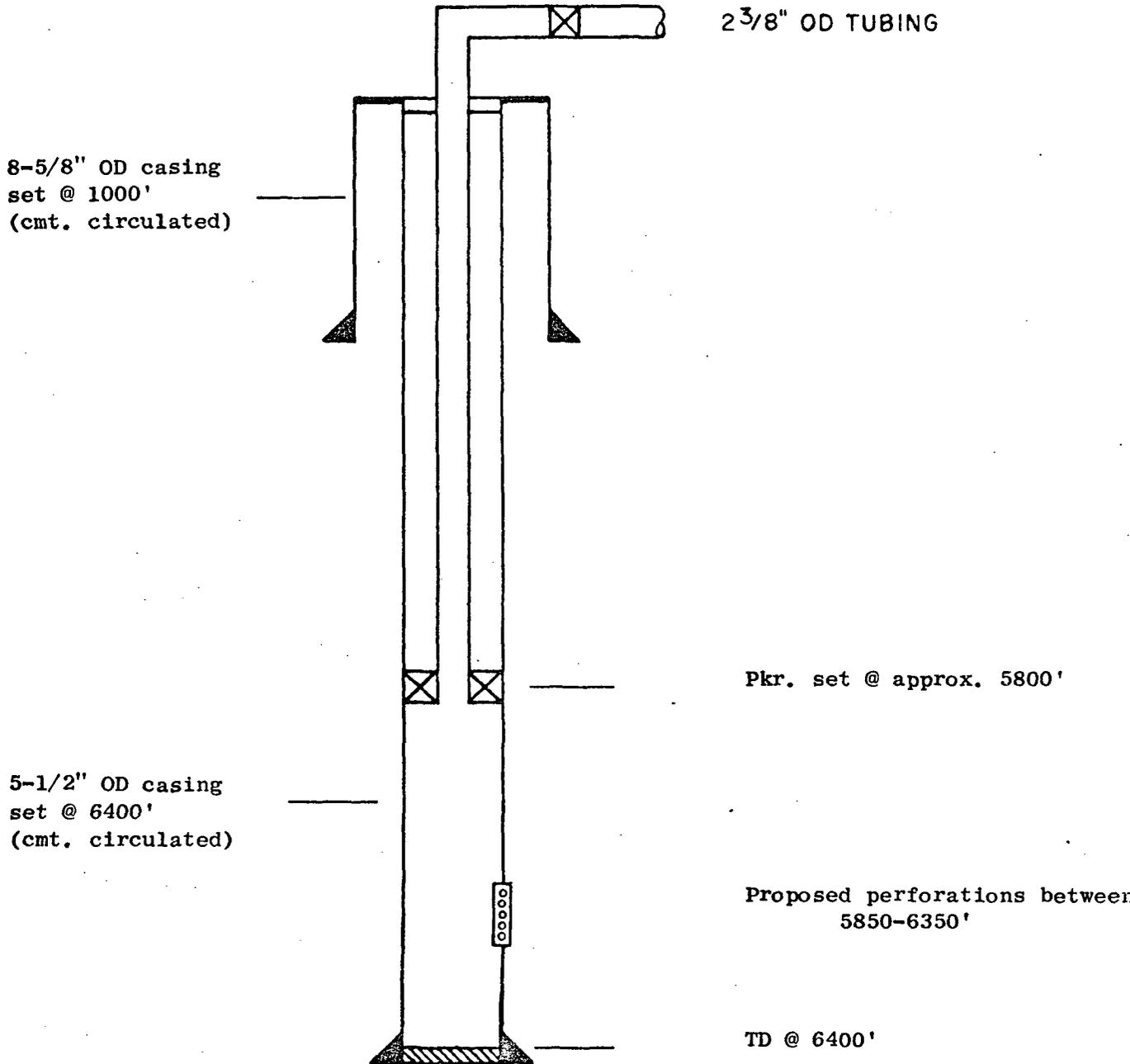
ATLANTIC RICHFIELD COMPANY
Empire Abo Unit Well E-391
135' FNL & 2567' FEL, Sec. 35, T-17S, R-28E
Eddy County, New Mexico

Proposed Producing Well Diagram



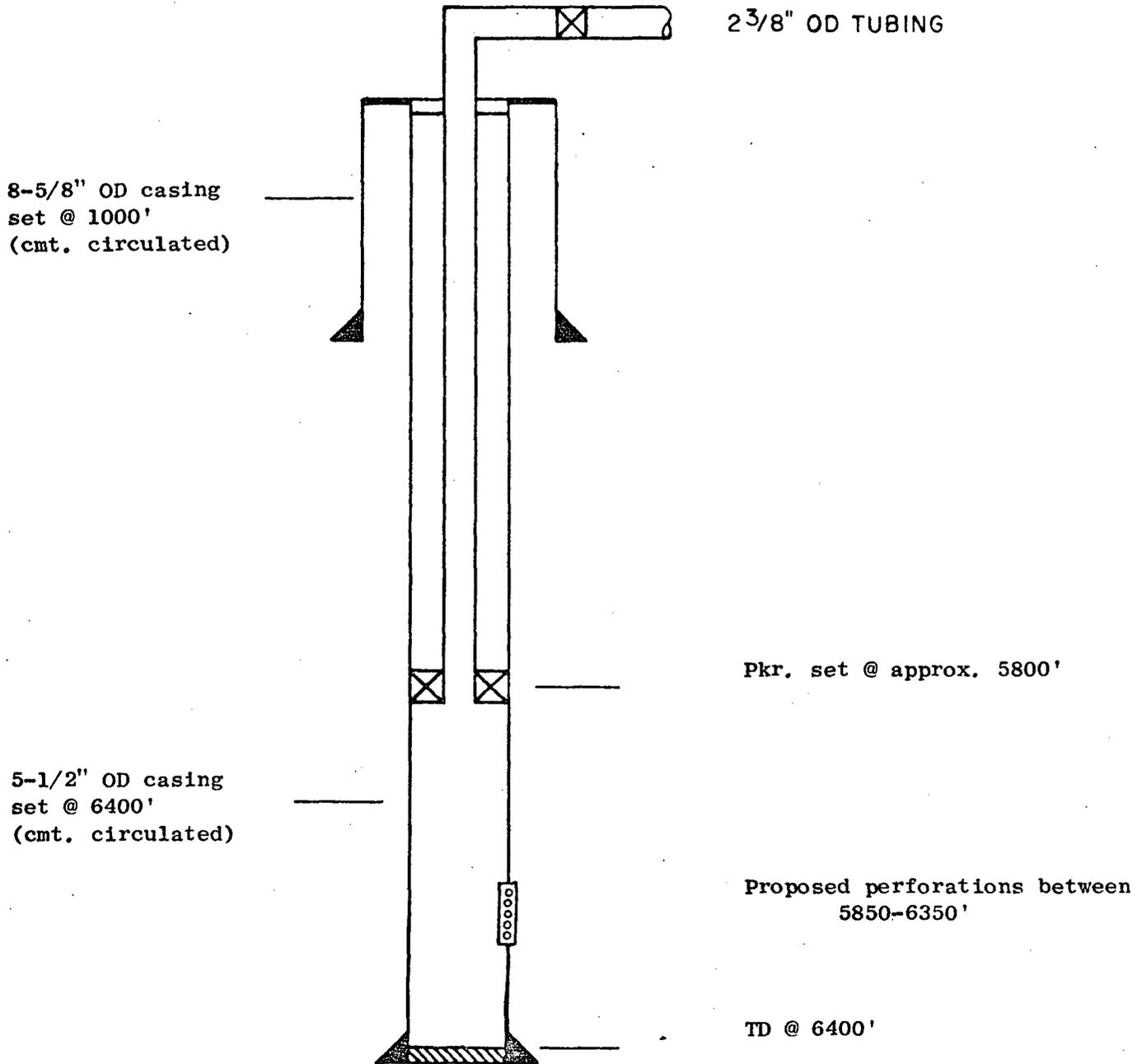
ATLANTIC RICHFIELD COMPANY
Empire Abo Unit Well E-401
90' FNL & 1296' FEL, Sec. 35, T-17S, R-28E
Eddy County, New Mexico

Proposed Producing Well Diagram



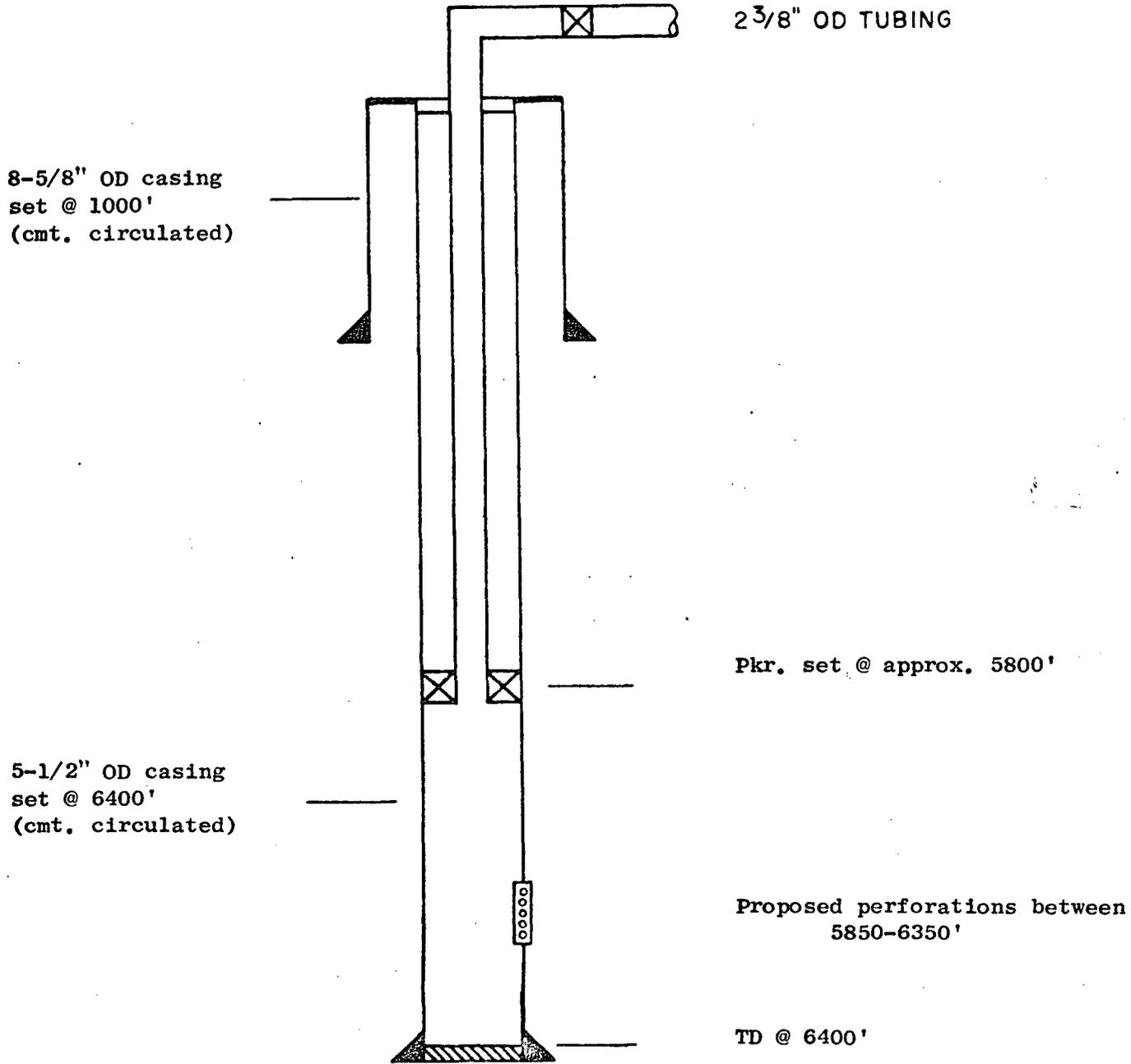
ATLANTIC RICHFIELD COMPANY
Empire Abo Unit Well F-371
2220' FNL & 25' FWL, Sec. 35, T-17S, R-28E
Eddy County, New Mexico

Proposed Producing Well Diagram



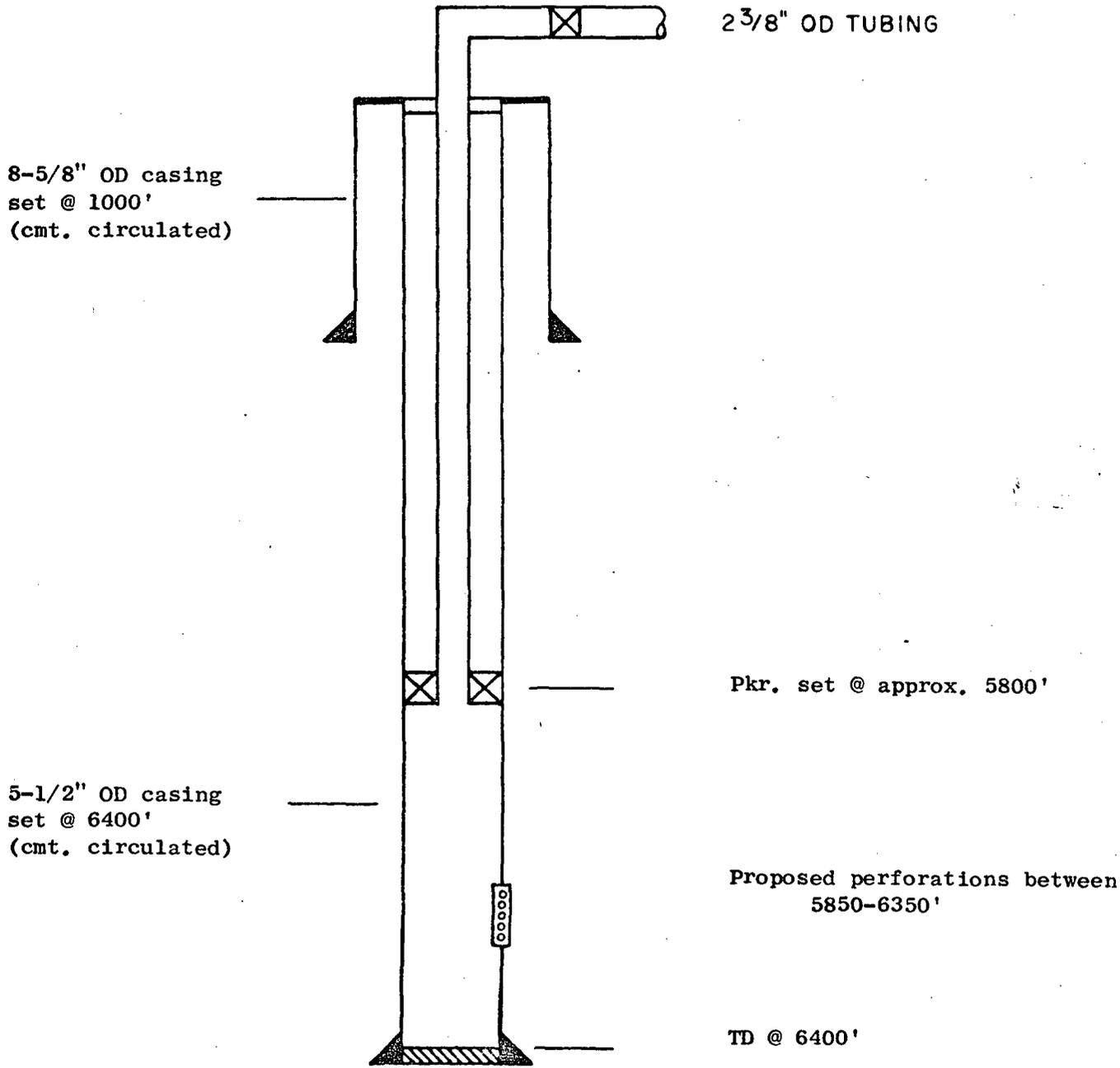
ATLANTIC RICHFIELD COMPANY
Empire Abo Unit Well G-312
1550' FSL & 2511' FEL, Sec. 33, T-17S, R-28E
Eddy County, New Mexico

Proposed Producing Well Diagram



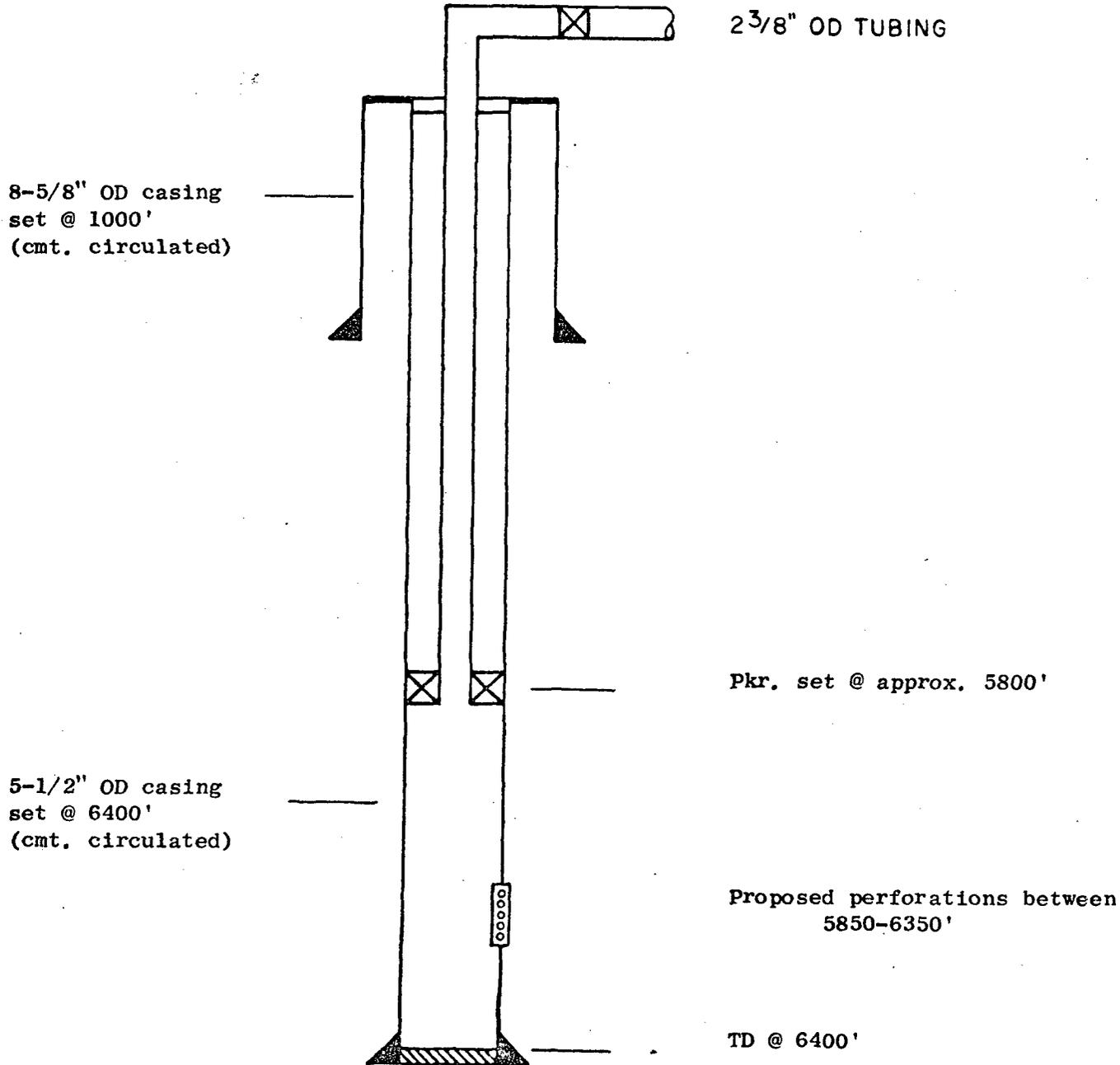
ATLANTIC RICHFIELD COMPANY
Empire Abo Unit Well G-231
1520' FSL & 230' FEL, Sec. 33, T-17S, R-28E
Eddy County, New Mexico

Proposed Producing Well Diagram



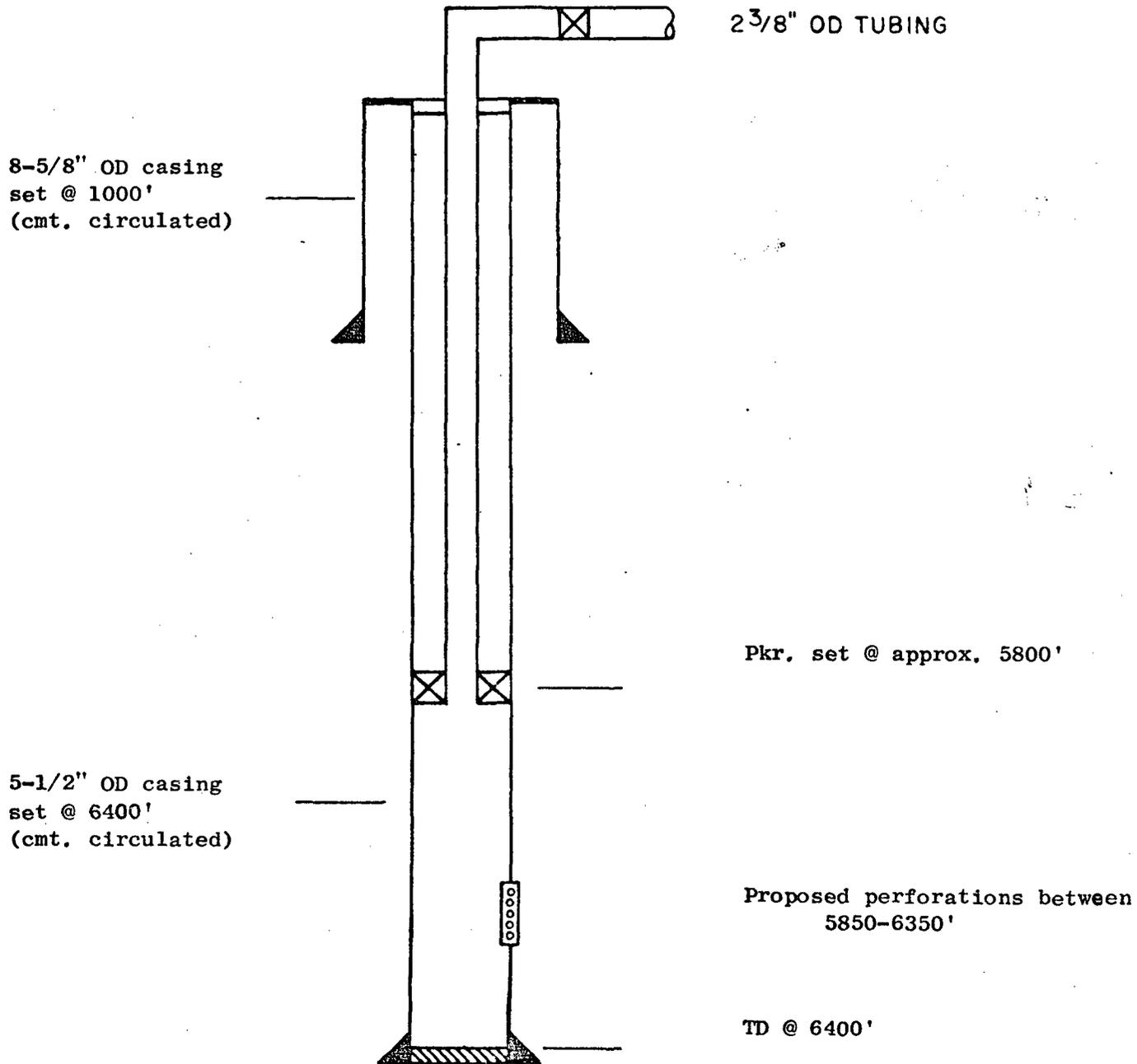
ATLANTIC RICHFIELD COMPANY
Empire Abo Unit Well G-331
1580' FSL & 1140' FWL, Sec. 34, T-17S, R-28E
Eddy County, New Mexico

Proposed Producing Well Diagram



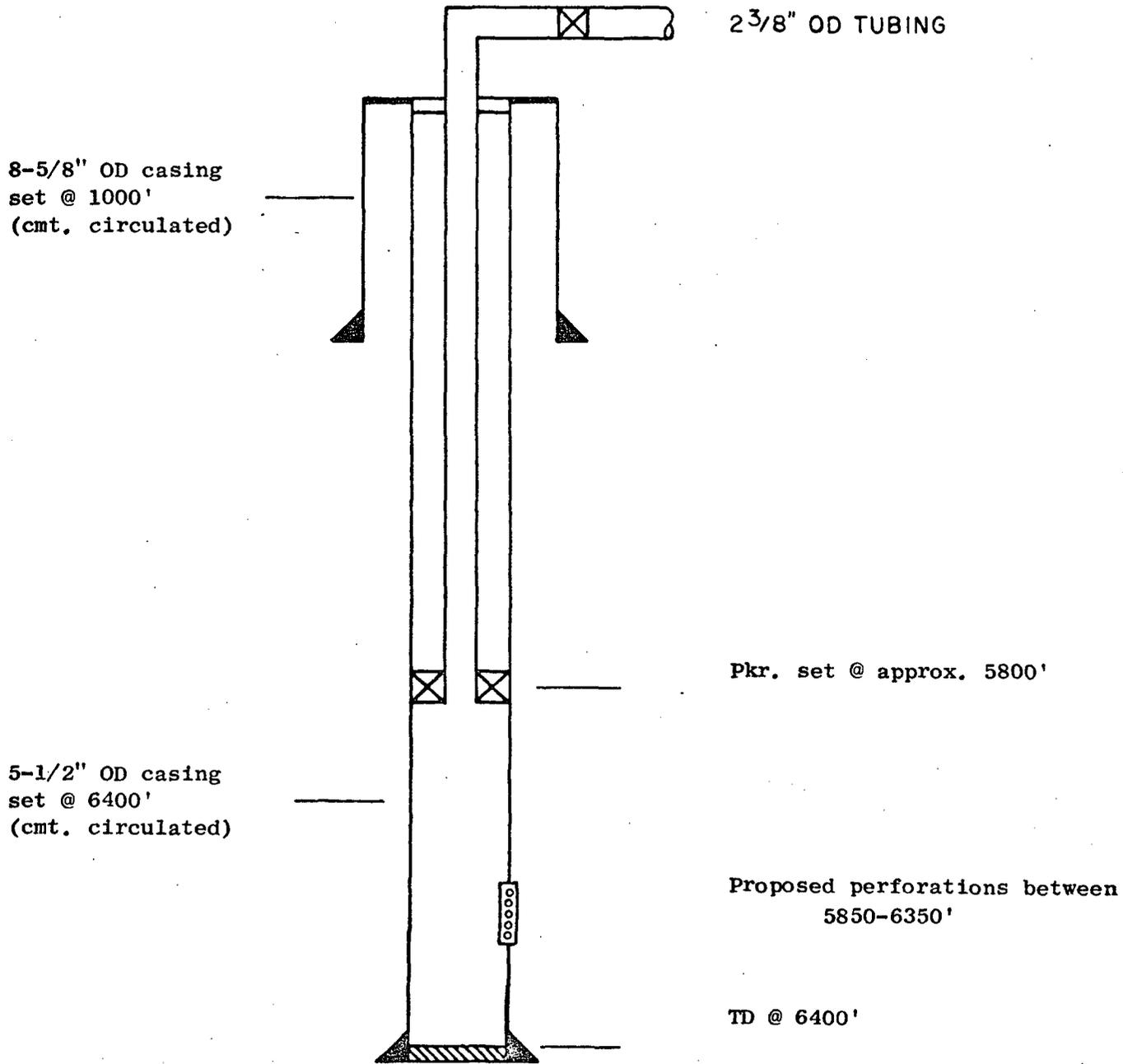
ATLANTIC RICHFIELD COMPANY
Empire Abó Unit Well G-341
1850' FSL & 2591' FWL, Sec. 34, T-17S, R-28E
Eddy County, New Mexico

Proposed Producing Well Diagram



ATLANTIC RICHFIELD COMPANY
Empire Abo Unit Well I-271
670' FNL & 1700' FEL, Sec. 5, T-18S, R-28E
Eddy County, New Mexico

Proposed Producing Well Diagram



2 3/8" OD TUBING

8-5/8" OD casing
set @ 1000'
(cmt. circulated)

Pkr. set @ approx. 5800'

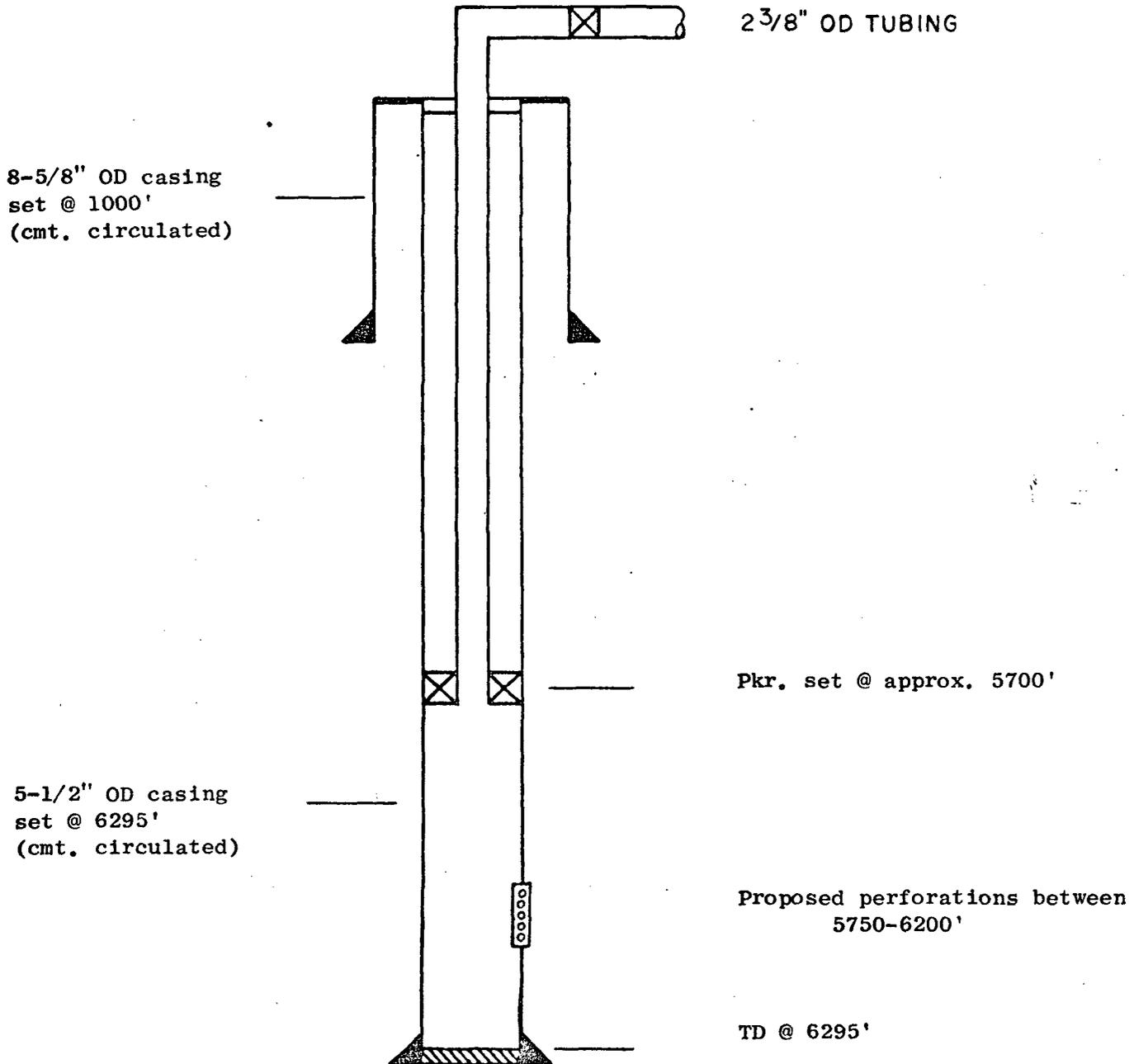
5-1/2" OD casing
set @ 6400'
(cmt. circulated)

Proposed perforations between
5850-6350'

TD @ 6400'

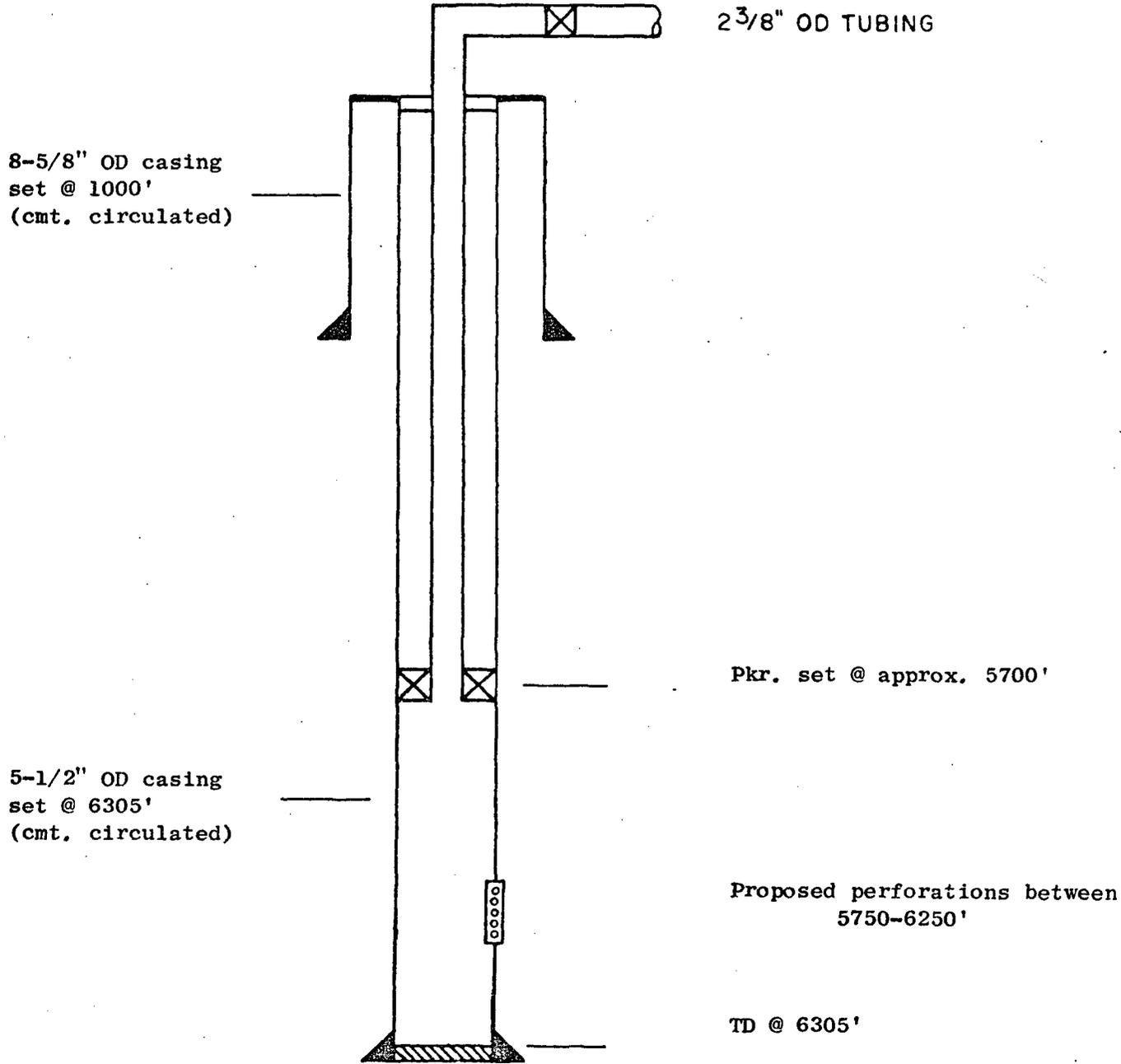
ATLANTIC RICHFIELD COMPANY
Empire Abo Unit Well J-202
2490' FNL & 1299' FEL, Sec. 1, T-18S, R-27E
Eddy County, New Mexico

Proposed Producing Well Diagram



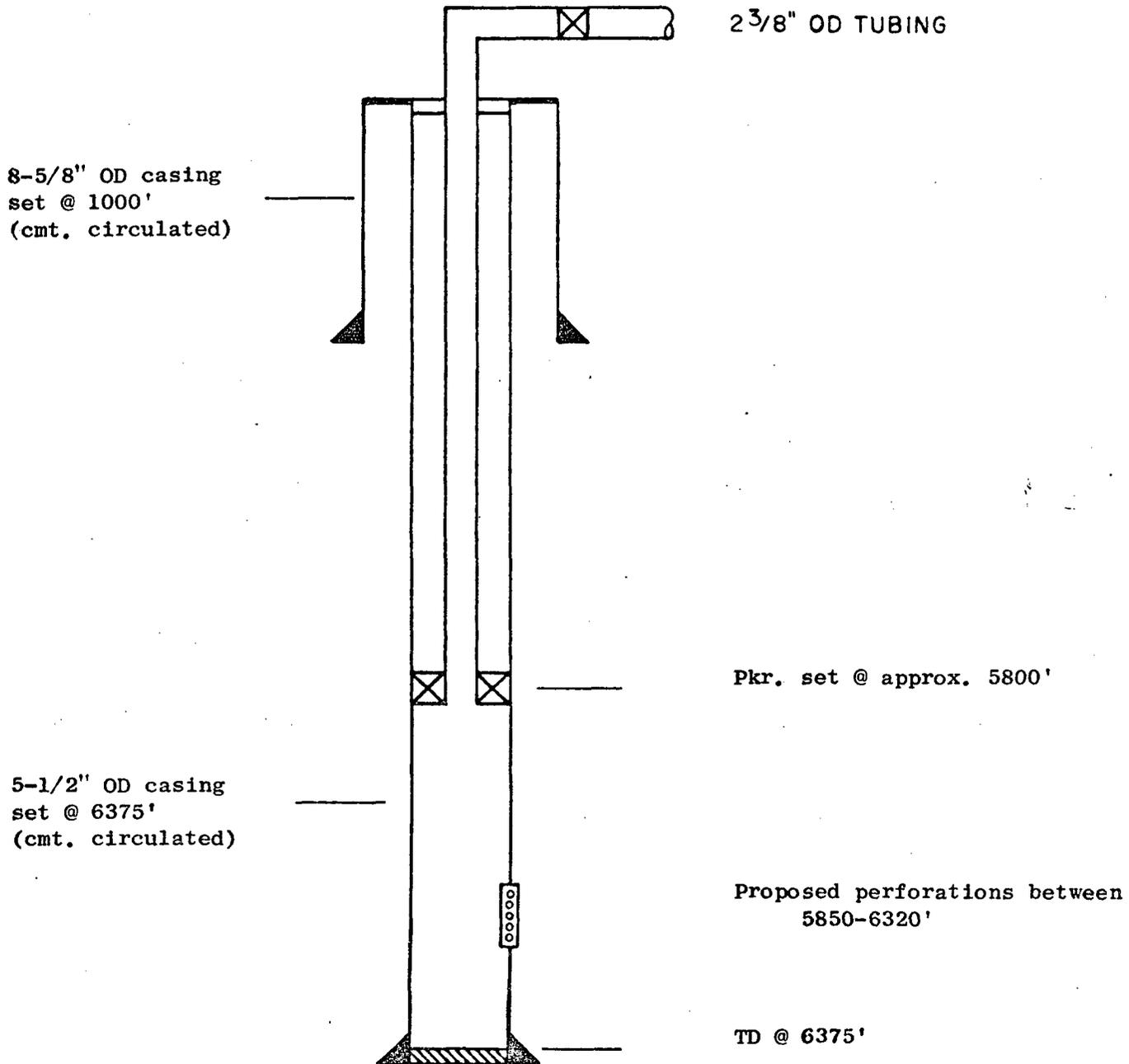
ATLANTIC RICHFIELD COMPANY
Empire Abo Unit Well J-221
2610' FNL & 2713' FWL, Sec. 6, T-18S, R-28E
Eddy County, New Mexico

Proposed Producing Well Diagram



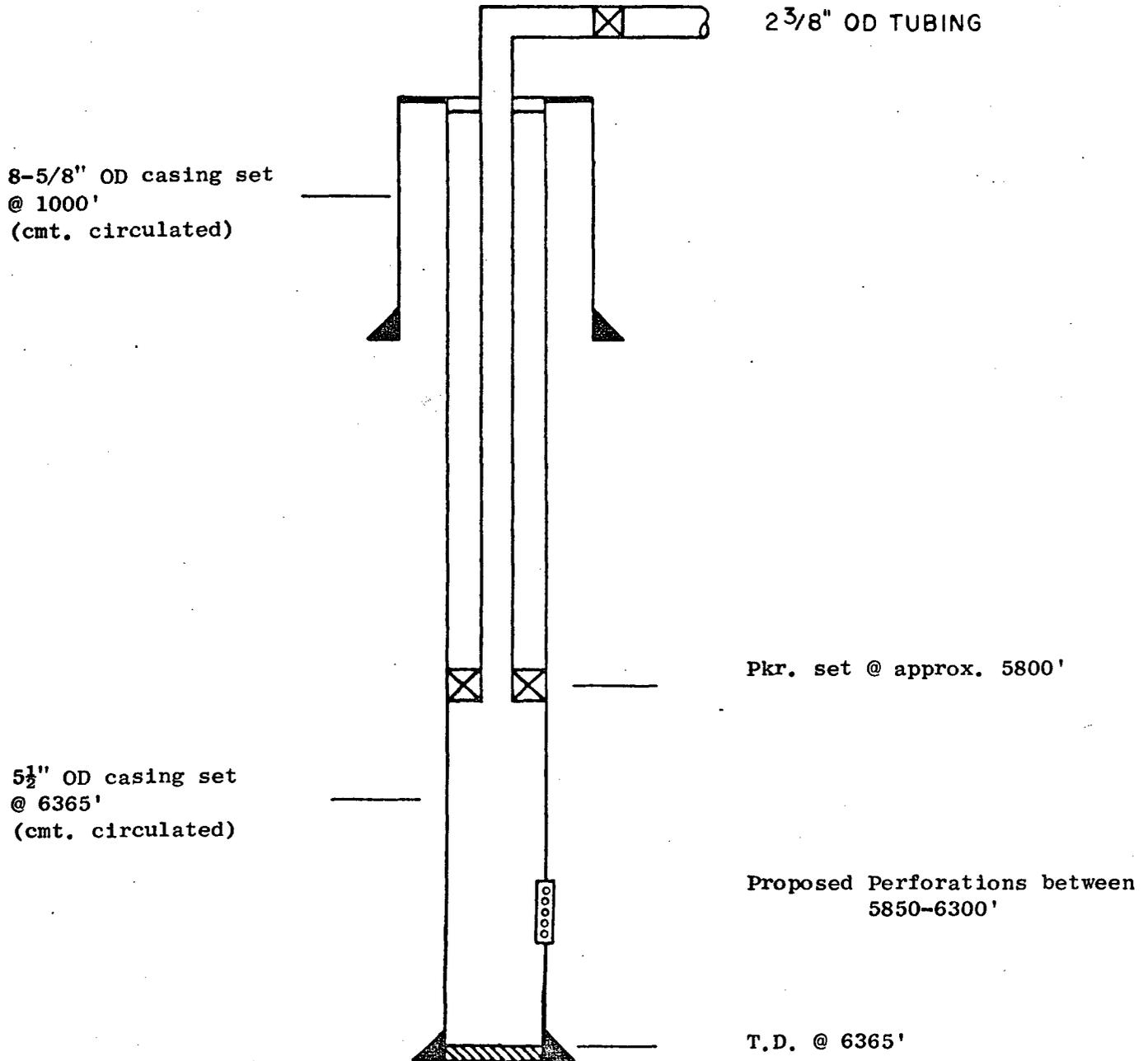
ATLANTIC RICHFIELD COMPANY
Empire Abo Unit Well J-232
2253' FNL & 1576' FEL, Sec. 6, T-18S, R-28E
Eddy County, New Mexico

Proposed Producing Well Diagram



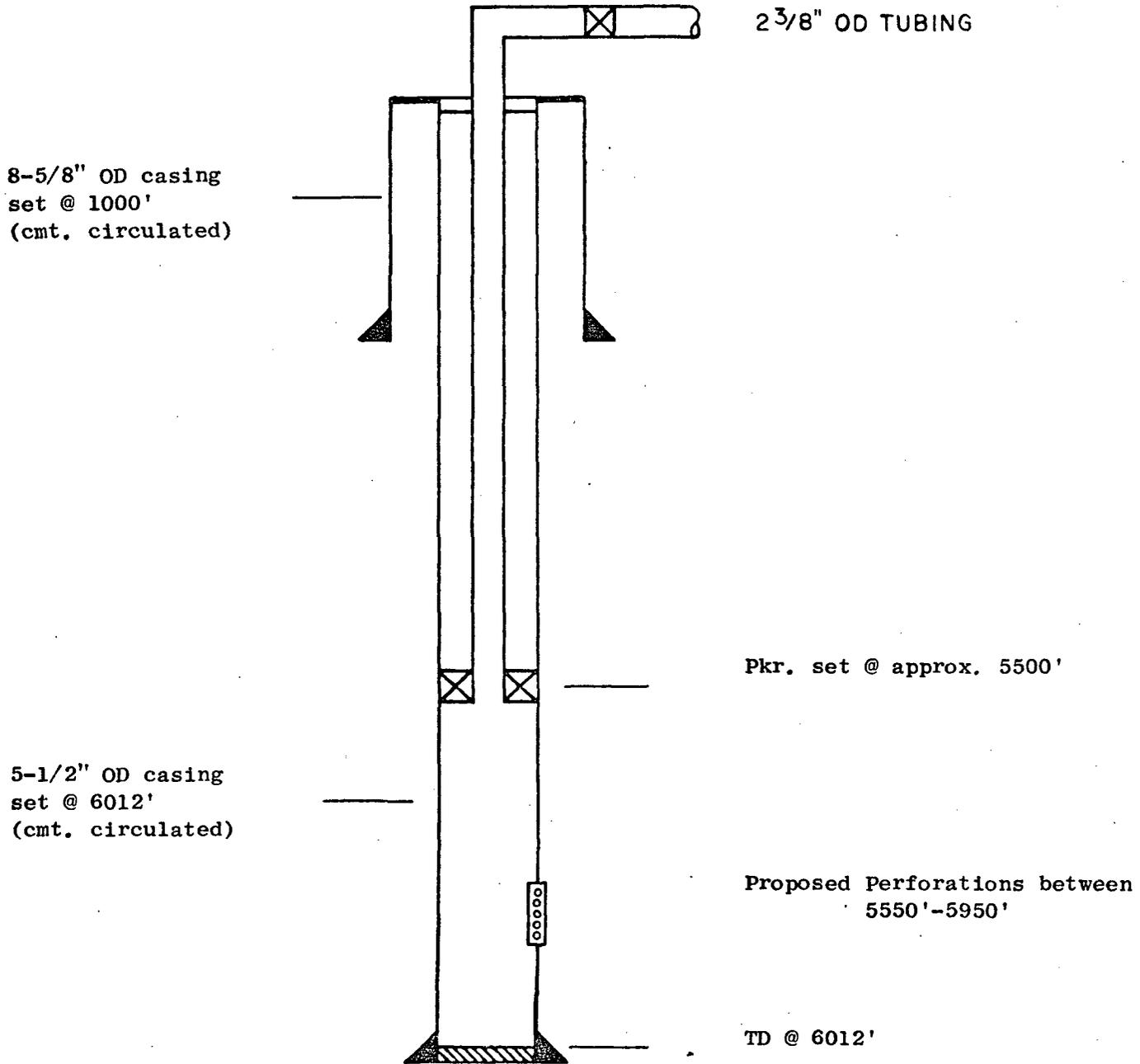
ATLANTIC RICHFIELD COMPANY
Empire Abo Unit Well K-182
1533' FSL and 2370' FWL, Sec. 1, T-18S, R-27E
Eddy County, New Mexico

Proposed Producing Well Diagram



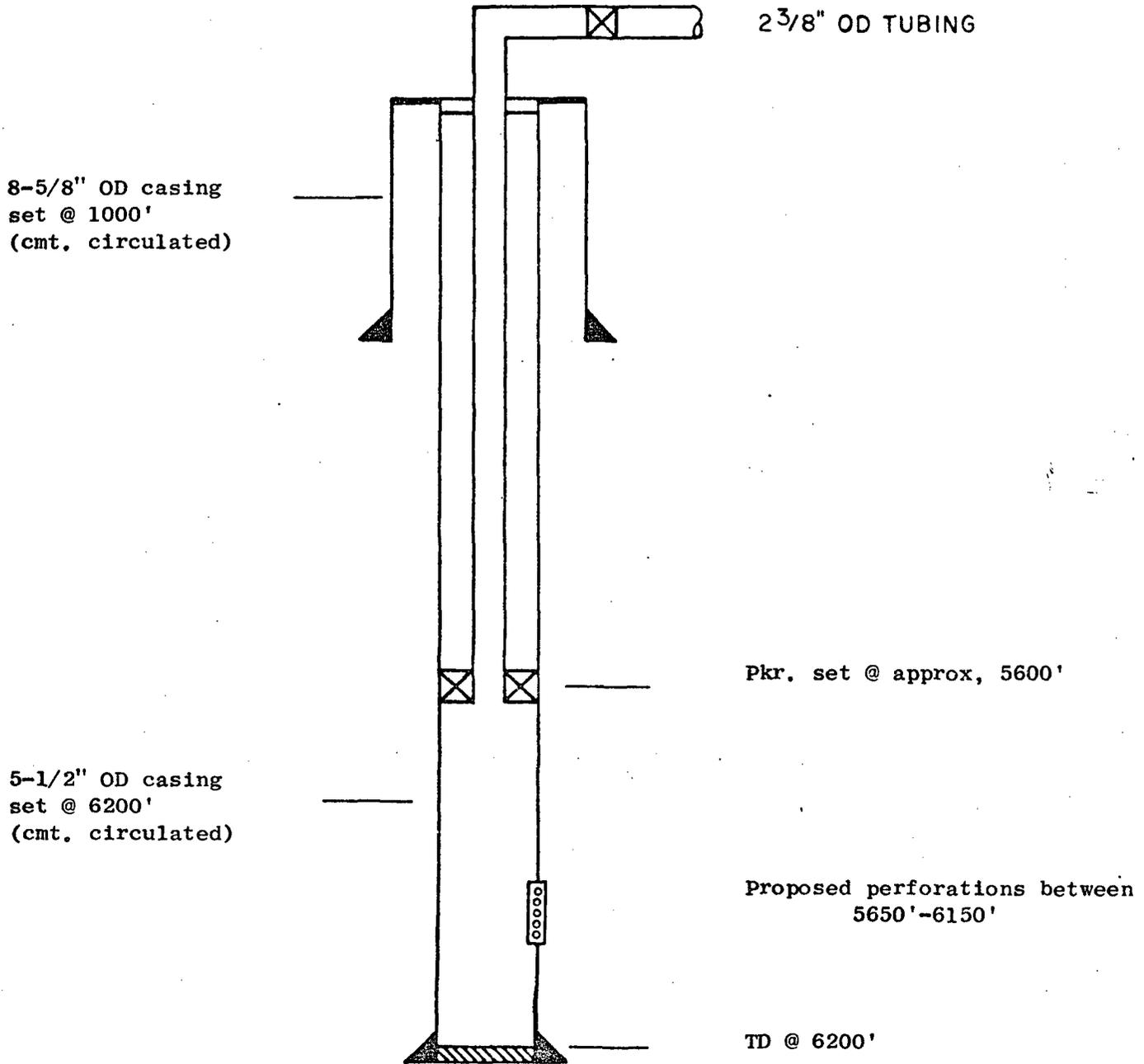
ATLANTIC RICHFIELD COMPANY
Empire Abo Unit Well L-111
20' FSL and 2485' FEL, Sec. 3, T-18S, R-27E
Eddy County, New Mexico

Proposed Producing Well Diagram



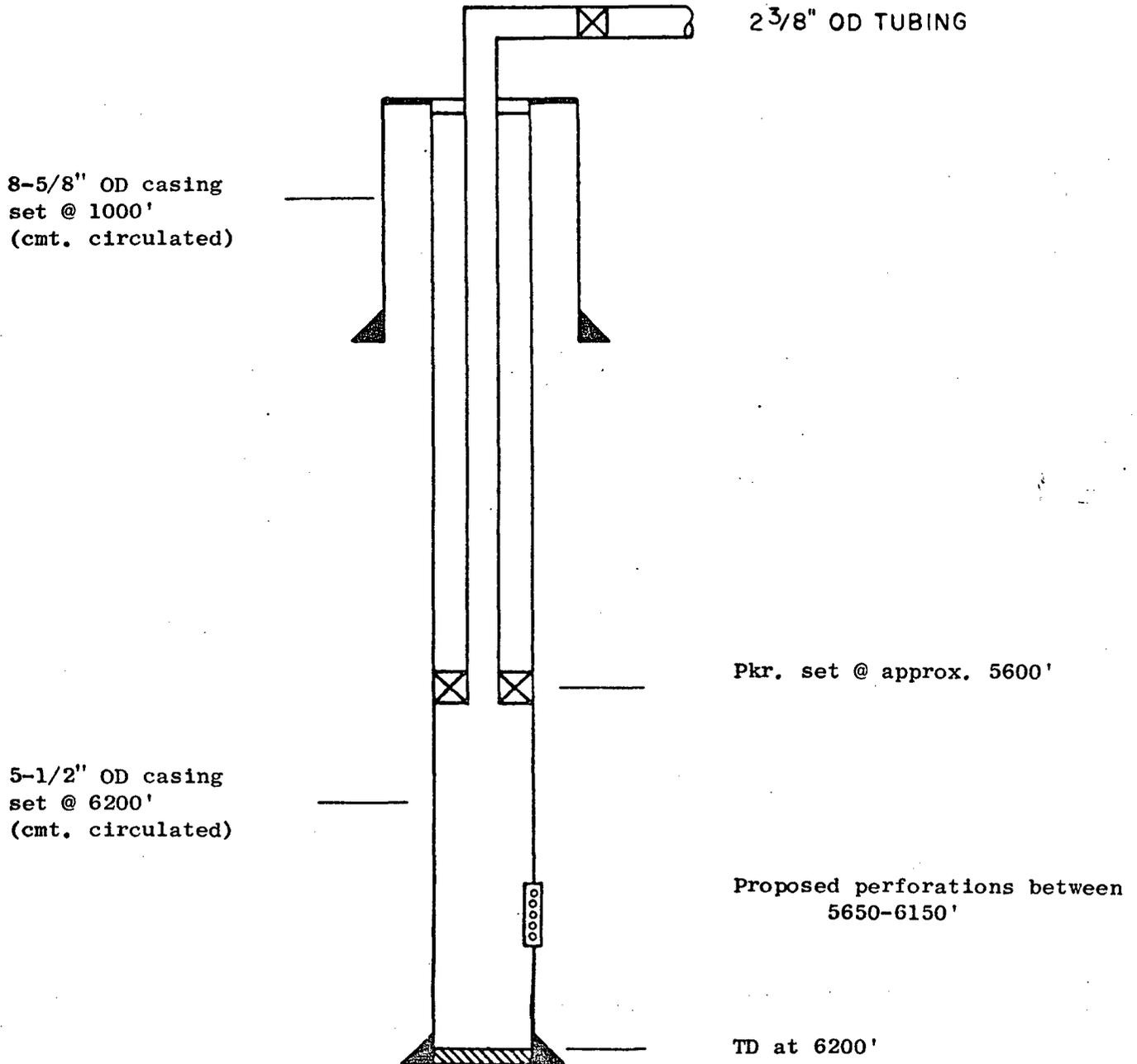
ATLANTIC RICHFIELD COMPANY
Empire Abo Unit Well L-131
100' FSL & 100' FWL, Sec. 2, T-18S, R-27E
Eddy County, New Mexico

Proposed Producing Well Diagram



ATLANTIC RICHFIELD COMPANY
Empire Abo Unit Well L-132
275' FSL & 1243' FWL, Sec. 2, T-18S, R-27E
Eddy County, New Mexico

Proposed Producing Well Diagram



ATLANTIC RICHFIELD COMPANY
Empire Abo Unit Well L-152
320' FSL & 2602' FEL, Sec. 2, T-18S, R-27E
Eddy County, New Mexico

Proposed Producing Well Diagram

